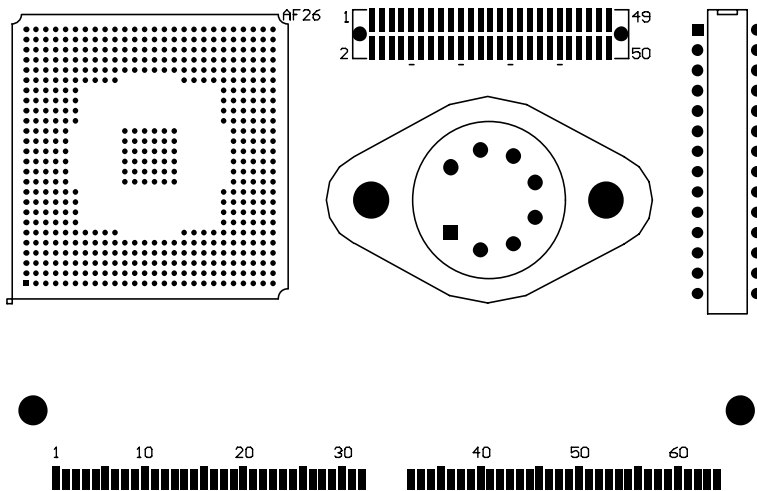


CircuitMaker[®] 2000

the virtual electronics lab[™]



TraxMaker Footprint Library Guide

pcb footprints and
boardblanks

Revision A

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This guide contains references to items contained in both the Standard Edition of TraxMaker and the Professional Edition. The items which do not apply to the Standard Edition of TraxMaker are indicated with the following label:

Professional Edition

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Guidelines

These guidelines are for customer reference only. They do not necessarily supercede manufacturer data. They are subject to change without notice.

Libraries have been developed using previous or other guidelines. As libraries are updated, current guidelines may be implemented. Special part groups may dictate other guidelines be used.

Altium is not responsible for the use or implementation of guidelines. It is the user's responsibility to ensure that the patterns used in a specific design conform to the actual components being used.

Surface Mount Gull-wing Pads

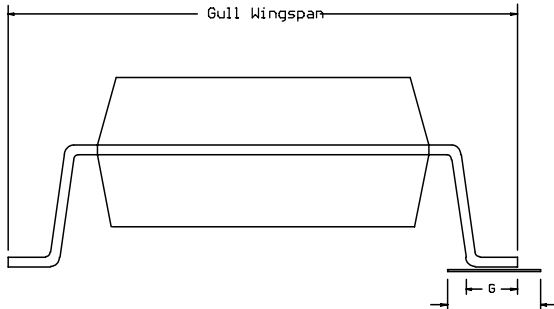
Surface Mount J-Lead Pads

Thru-hole Pads and Lead Bends

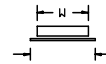
Finished Hole Size and Pad Size Table

Maximum Recommended Current-carrying Capacity
for Various Track Widths and Thicknesses

Surface Mount Gull-wing Pads



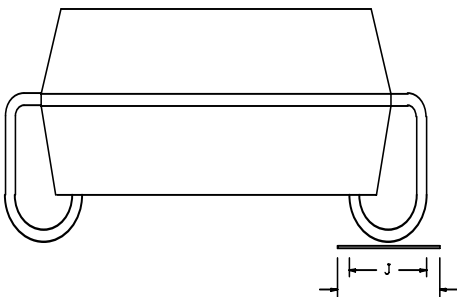
$$\text{Pad Length} = G + .040$$



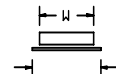
$$\text{Pad Width} = W + .006$$

$$\text{Min Pad Width} = W \text{ Max}$$

Surface Mount J-Lead Pads



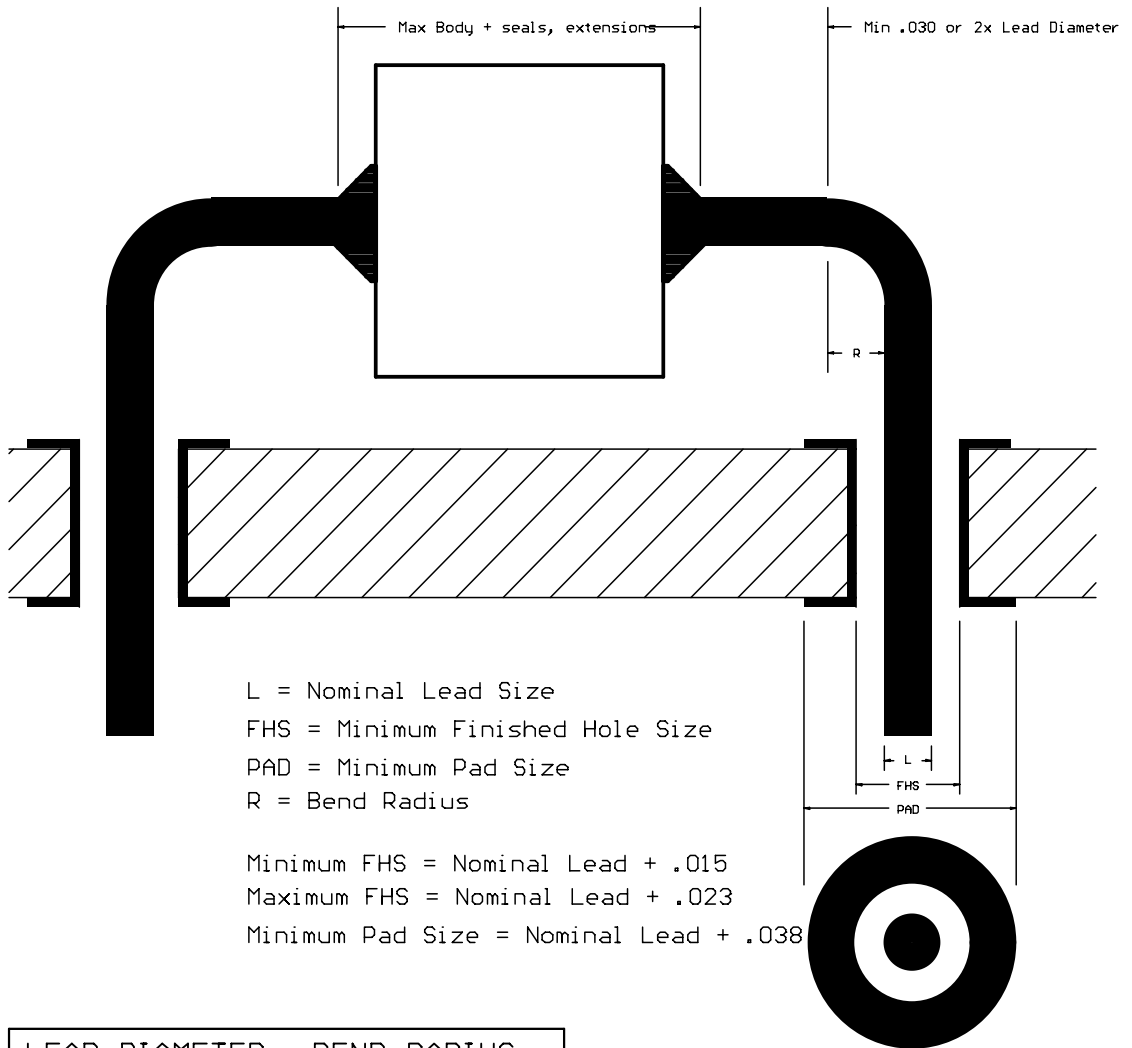
$$\text{Pad Length} = J + .040$$



$$\text{Pad Width} = W + .006$$

$$\text{Min Pad Width} = W \text{ Max}$$

Thru-hole Pads and Lead Bends



LEAD DIAMETER	BEND RADIUS
< 0.030	0.030
0.030 to 0.047	1.5 x Lead Diameter
> 0.047	2 x Lead Diameter

Finished Hole Size and Pad Size Table

Nom LEAD	Min FHS	Min PAD	Component Types
0.013 0.014 0.015	0.028 +/- 0.003	0.052	28 AWG solid, DO-16 28 AWG 7/36 stranded
0.016 0.016 0.017 0.018	0.031 +/- 0.003	0.054	28 AWG 19/40 stranded 28 AWG solid RJ26 trimmer RC05, RL05, RN50
0.019 0.020 0.020 0.020 0.020 0.021 0.021 0.021 0.021	0.034 +/- 0.003	0.058	26 AWG 7/34 stranded 24 AWG solid 26 AWG 19/38 stranded RJ24 trimmer CC75, CC76, CK12, CK13 TO-5,9,12,17,18,33,39,42,46,52,71-80 TO-92, 96-102, 205, 206 CSR09 DIP, SIP
0.022 0.022 0.022 0.022 0.023 0.024 0.024	0.037 +/- 0.003	0.060	TO-18, 37, 92, 99, 226 rnd, 237 rnd DO-7, DO-14, DO-34, DO-35 CSR13A-B, CSR23A-B, CSR33A-B CSR91W-X, CK50 RN55 24 AWG 7/32 stranded
0.025 0.025 0.025 0.026 0.027 0.027 0.027 0.027 0.027 0.027 0.027 0.027	0.040 +/- 0.003	0.064	24 AWG 19/36 stranded 22 AWG solid CLS12A-B, CLS13A-B 24 AWG stranded RL07, RC07, RN60 CK05, CK06, CK60 CSR13C-D, CSR21C-D,21Y-Z CSR23C-D, CSR33C-D CC07, CC08 CL20-23, CL30-33, CL64-67, CL70-73 CLR25, CLR27, CLR35, CLR37 CLR71, CLR73, CLR79, CLR81
0.028 0.029 0.029 0.030 0.030	0.043 +/- 0.003	0.066	CC77, CC78, CC79, TO-250 CK14, CK15, CK16 22 AWG 7/30 stranded, CLS12C-D CLS13C-D, TO-226,237 sq.
0.031 0.032 0.032 0.033	0.046 +/- 0.003	0.070	22 AWG 19/34 stranded 20 AWG solid DO-29, RN65, RN70, TO-8, TO-223

Nom LEAD	Min FHS	Min PAD	Component Types
0.034 0.035 0.036 0.036	0.049 +/- 0.003	0.072	RL20, DO-41, TO-66, TO-123-4, TO-213 DO-13, DO-15, TO-257 0.025 square posts RC20, CK64, DO-27
0.037 0.038 0.039	0.052 +/- 0.003	0.076	20 AWG 7/28 stranded DO-26
0.040 0.040 0.040 0.041 0.042 0.043 0.044	0.058 +/- 0.004	0.082	20 AGW 19/32 stranded 18 AWG solid CLR10 RL32, TO-251 TO-3, 126, 220,256
0.045 0.045 0.046 0.047 0.048 0.049 0.050 0.051 0.052	0.066 +/- 0.004	0.090	17 AWG solid RC32, TO-254 RC42 18 AWG 19/30 stranded 16 AWG solid
0.053 0.054 0.055 0.056 0.057 0.058 0.060	0.074 +/- 0.004	0.098	 16 AWG 19/29 stranded 15 AWG solid
0.061 0.063 0.064 0.064 0.068	0.082 +/- 0.004	0.106	TO-202, 221 TO-127, 247 0.045 square posts 14 AWG solid
0.069 0.073 0.076	0.090 +/- 0.004 0.085 non-plated	0.114	# 1-64 screw
0.077 0.081 0.084	0.098 +/- 0.004	0.122	12 AWG solid
0.085 0.086 0.088 0.090 0.092	0.106 +/- 0.004 0.098 non-plated	0.130	# 2-56 screw 12 AWG 37/28 stranded 12 AWG 19/25 stranded

Nom LEAD	Min FHS	Min PAD	Component Types
0.093 0.099 0.100	0.114 +/- 0.004 0.110 non-plated	0.138	# 3-48 screw
0.101 0.102 0.108	0.122 +/- 0.004	0.146	10 AWG solid
0.109 0.111 0.112 0.116	0.130 +/- 0.004 0.121 non-plated	0.154	10 AWG 37/26 stranded # 4-40 screw
0.117 0.124	0.138 +/- 0.004	0.162	
0.125 0.125 0.132	0.146 +/- 0.004 0.134 non-plated	0.170	# 5-40 screw
0.133 0.138 0.140	0.154 +/- 0.004 0.147 non-plated	0.178	# 6-32 screw
0.141 0.148	0.162 +/- 0.004	0.186	
0.149 0.156	0.170 +/- 0.004	0.194	
0.157 0.164	0.178 +/- 0.004 0.173 non-plated	0.202	# 8-32 screw
0.165 0.172	0.186 +/- 0.004	0.210	
0.173 0.180	0.194 +/- 0.004	0.218	
0.181 0.188	0.202 +/- 0.004	0.226	
0.189 0.190 0.196	0.210 +/- 0.004 0.199 non-plated	0.234	# 10-32 screw
0.197 0.204	0.218 +/- 0.004	0.242	
0.205 0.212	0.226 +/- 0.004	0.250	
0.213 0.216	0.234 +/- 0.004 0.225 non-plated	0.258	# 12-24 screw

Maximum Recommended Current-carrying Capacity for Various Track Widths and Thicknesses

Track width in inches	Current in Amperes			
	1/2 oz Foil	1 oz Foil	2 oz Foil	3 oz Foil
0.005	0.13	0.50	0.70	1.00
0.010	0.50	0.80	1.40	1.90
0.020	0.70	1.40	2.20	3.00
0.030	1.00	1.90	3.00	4.00
0.050	1.50	2.50	4.00	5.50
0.070	2.00	3.50	5.00	7.00
0.100	2.50	4.00	7.00	9.00
0.150	3.50	5.50	9.00	13.00
0.200	4.00	6.00	11.00	14.00

Number	=	Array size (each side)
BGA	=	Ball Grid Array
NumberM	=	Pitch in mm
Number	=	Pin count

6BGA100M20	23BGA127M168	37BGA127M408
6BGA100M32	23BGA127M240	37BGA127M528
6BGA100M36	23BGA127M304	37BGA127M640
	23BGA127M360	
10BGA100M36	23BGA127M529	39BGA127M432
10BGA100M64	25BGA127M313	39BGA127M560
10BGA100M100	25BGA127M625	39BGA127M680
10BGA127M36		39BGA127M761
10BGA127M64	26BGA127M192	
10BGA127M100	26BGA127M276	
	26BGA127M338	
11BGA127M40	26BGA127M352	
11BGA127M72	26BGA127M416	
11BGA127M96	26BGA127M420	
11BGA127M121	26BGA127M492	
	26BGA127M676	
13BGA150M169		
	29BGA127M312	
14BGA127M52	29BGA127M400	
14BGA127M96	29BGA127M479	
14BGA127M132	29BGA127M480	
14BGA127M196	29BGA127M503	
	29BGA127M841	
15BGA150M225		
	31BGA127M336	
17BGA127M64	31BGA127M428	
17BGA127M120	31BGA127M432	
17BGA127M168	31BGA127M520	
17BGA127M208	31BGA127M961	
17BGA127M289		
	32BGA127M540	
19BGA127M136		
19BGA127M192	33BGA127M360	
19BGA127M240	33BGA127M464	
19BGA127M361	33BGA127M560	
20BGA127M144	35BGA127M384	
20BGA127M204	35BGA127M496	
20BGA127M256	35BGA127M596	
20BGA127M272	35BGA127M600	
20BGA127M400		

BGA

6x6

10x10

11x11

13x13

14x14

6BGA100M20 F6



6BGA100M32 F6



6BGA100M36 F6



10BGA100M36 K10



10BGA100M64 K10



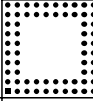
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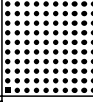
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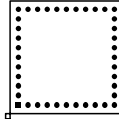
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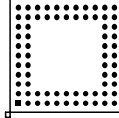
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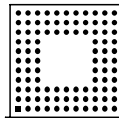
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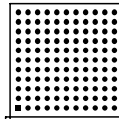
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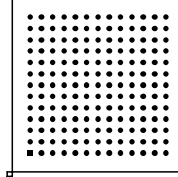
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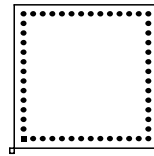
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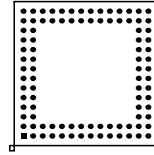
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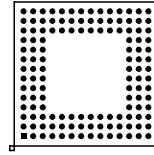
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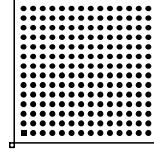
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14BGA127M132 P14



14BGA127M196 P14



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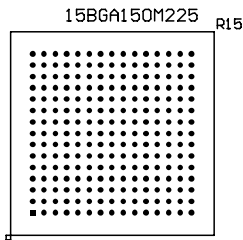
BGA LIBRARY

BGA.LIB

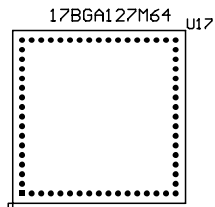
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BGA

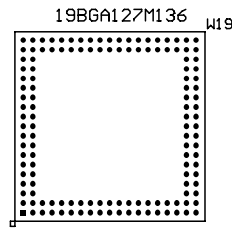
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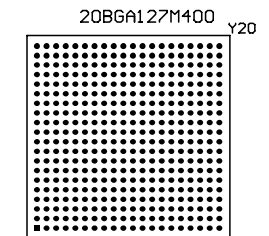
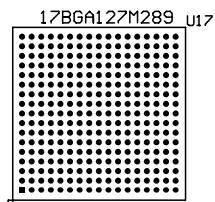
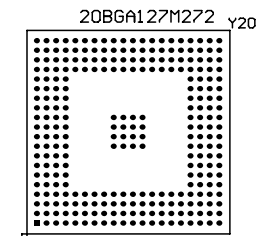
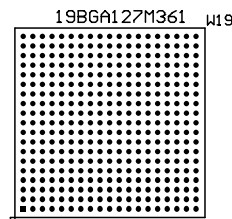
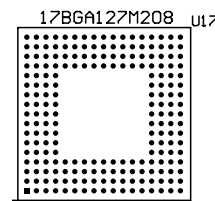
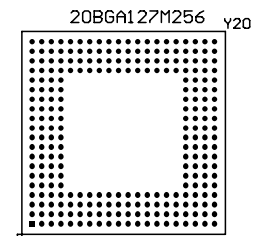
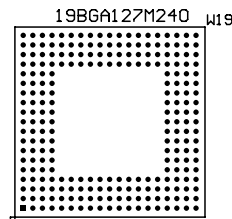
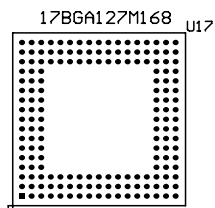
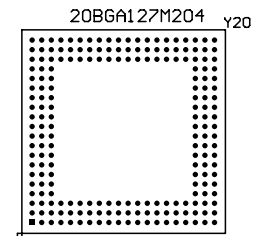
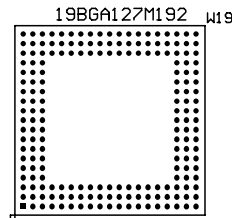
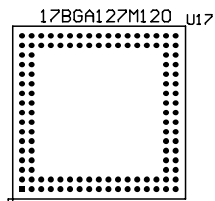
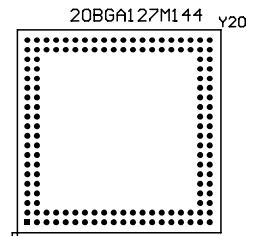
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19x19



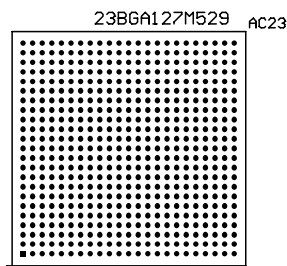
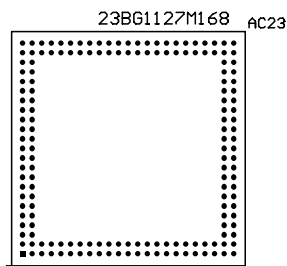
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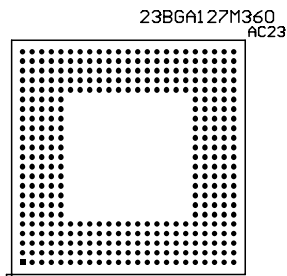
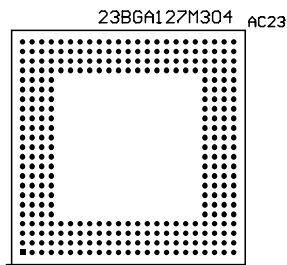
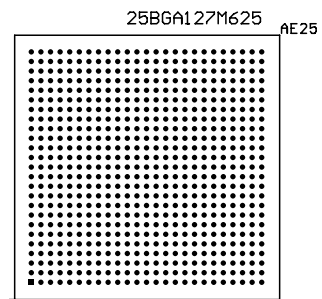
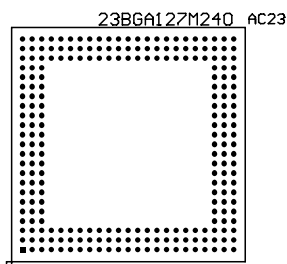
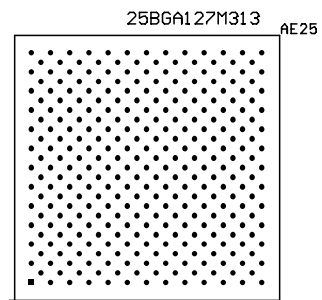
REVISION 7.00	BGA LIBRARY	
BGA.LIB		BGA-2

BGA

23x23



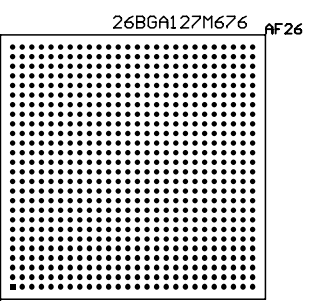
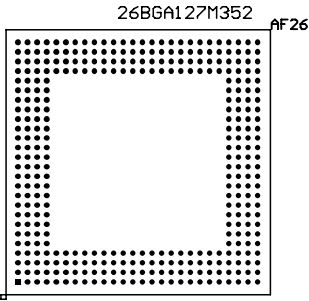
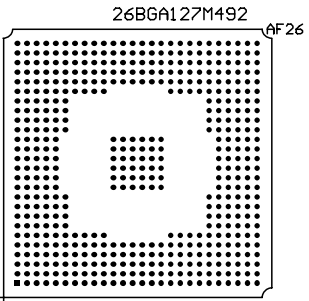
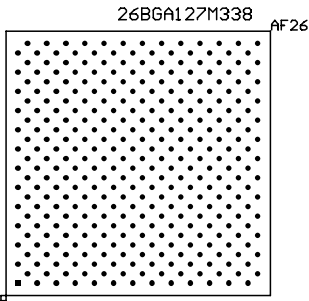
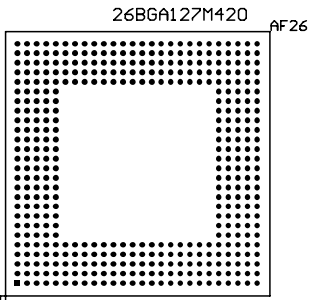
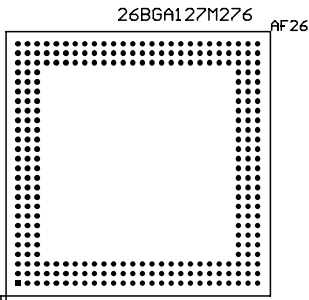
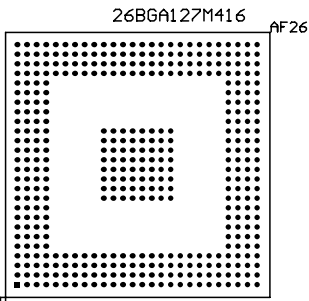
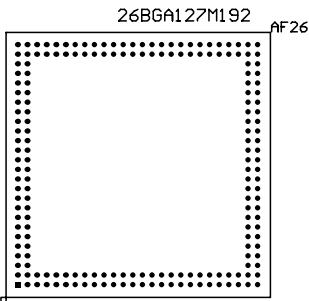
25x25



REVISION 7.00	BGA LIBRARY	
BGA.LIB		BGA-3

BGA

26x26



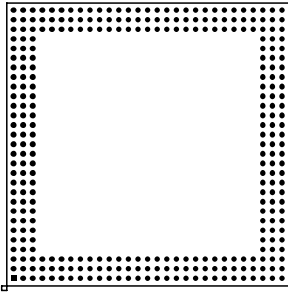
REVISION 7.00	BGA LIBRARY	
BGA.LIB		BGA-4

BGA

29x29

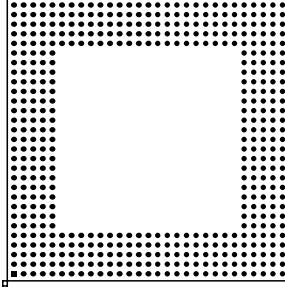
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AJ29



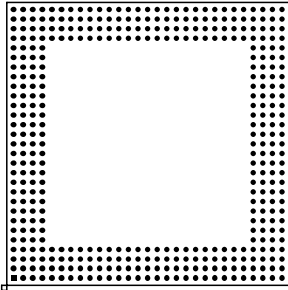
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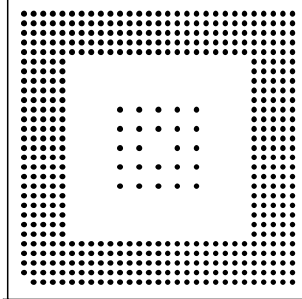
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AJ29



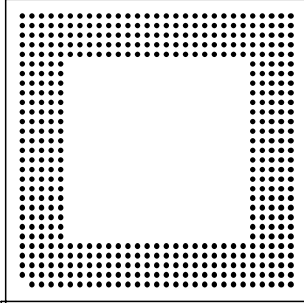
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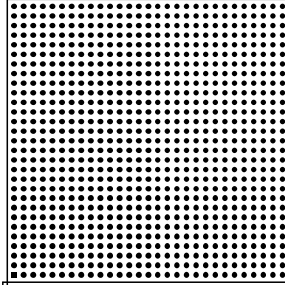
29BGA127M479

AJ29



29BGA127M841

AJ29



REVISION 7.00

BGA LIBRARY

BGA.LIB

BGA-5

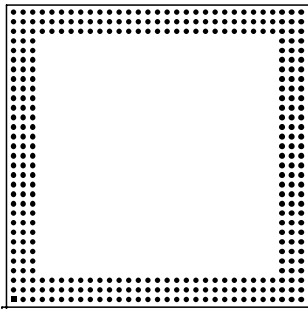
BGA

31x31

32x32

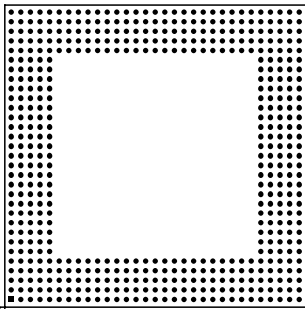
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AL31



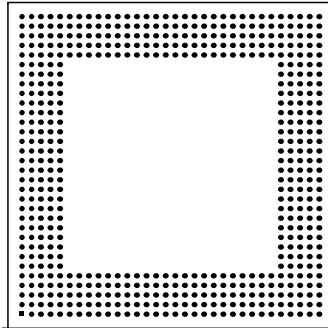
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AL31



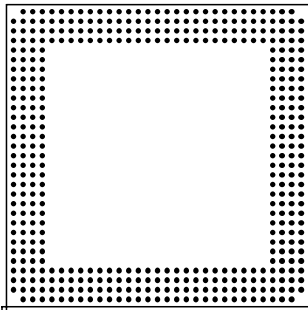
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AH32



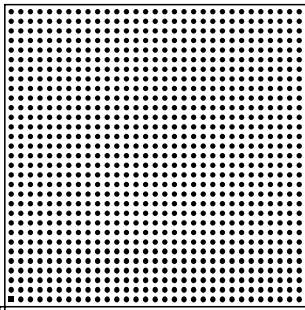
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AL31



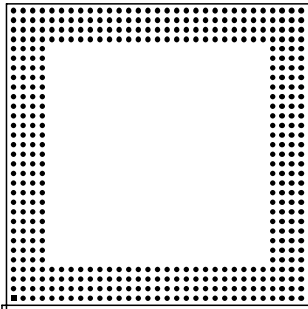
31BGA127M961

AL31



31BGA127M432

AL31



REVISION 7.00	BGA LIBRARY	
BGA.LIB		BGA-6

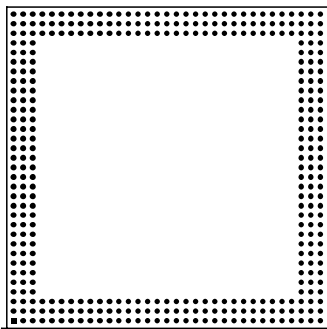
BGA

33x33

35x35

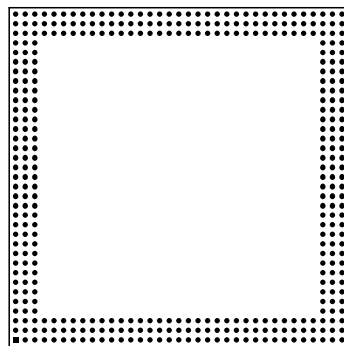
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AN33



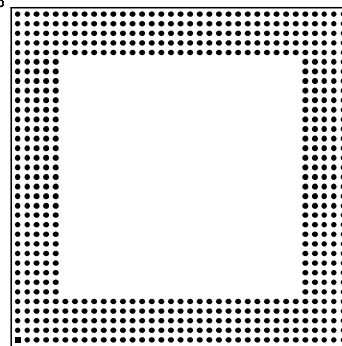
35BGA127M384

AR35



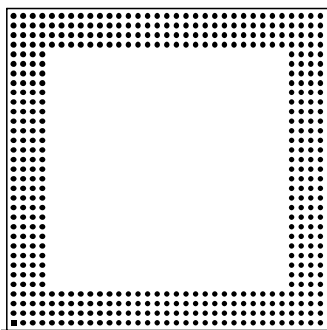
35BGA127M600

AR35



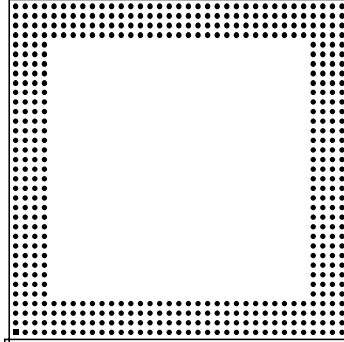
33BGA127M464

AN33



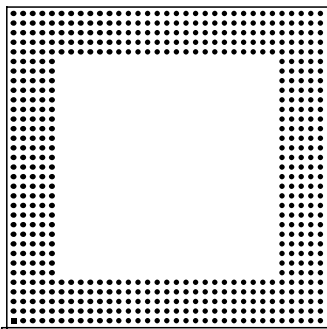
35BGA127M496

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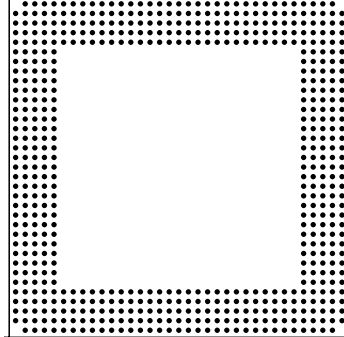
33BGA127M560

AN33



35BGA127M596

AR34



REVISION 7.00

BGA LIBRARY

PAGE

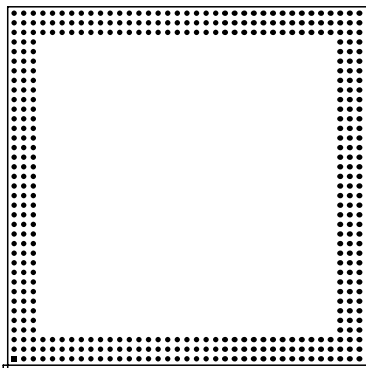
BGA.LIB

BGA

37x37

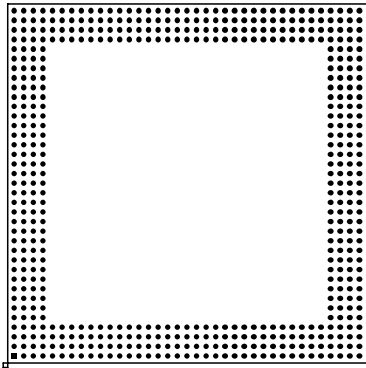
37BGA127M400

AU37



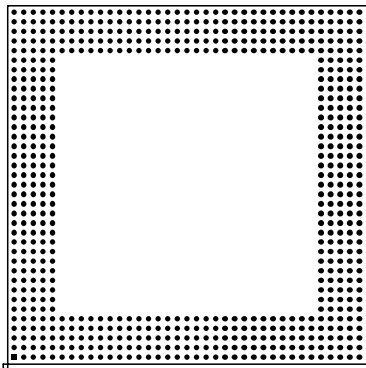
37BGA127M528

AU37



37BGA127M640

AU37



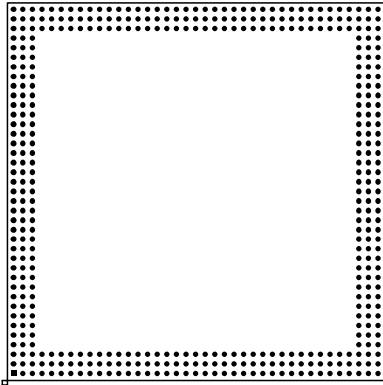
REVISION 7.00	BGA LIBRARY	
BGA.LIB		BGA-8

BGA

39x39

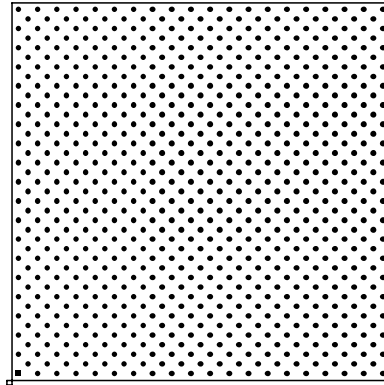
39BGA127M432

AW39



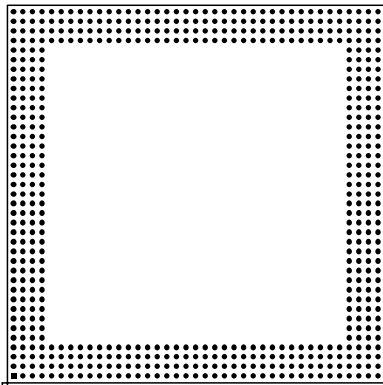
39BGA127M761

AW39



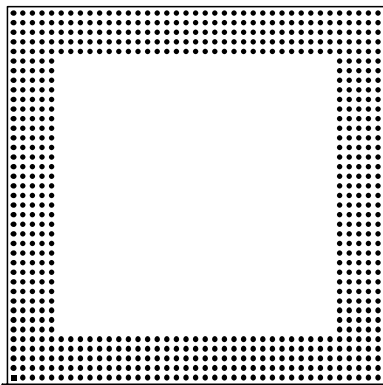
39BGA127M560

AW39



39BGA127M680

AW39



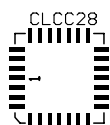
REVISION 7.00	BGA LIBRARY	
BGA.LIB		BGA-9

CLCC.LIB

CLCC	=	Ceramic Leaded Chip Carrier
Number	=	Pin count
/CNR	=	Corner pin 1 (default center)
S, T	=	Surface mount or Through-hole socket
Number	=	Socket Size in inches

CLCC28
CLCC28/CNR
CLCC28S.725
CLCC28T.725
CLCC44
CLCC44/CNR
CLCC44S.925
CLCC44T.925
CLCC52
CLCC52/CNR
CLCC52S1.050
CLCC52T1.025
CLCC68
CLCC68/CNR
CLCC68S1.250
CLCC68T1.225
CLCC84
CLCC84/CNR
CLCC84S1.450
CLCC84T1.425

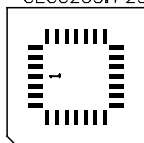
CLCC



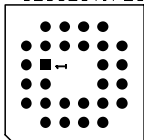
CLCC28/CNR



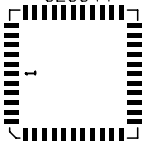
CLCC28S.725



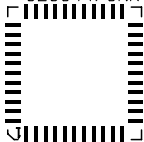
CLCC28T.725



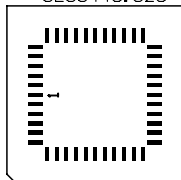
CLCC44



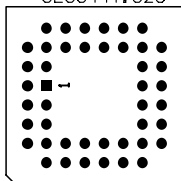
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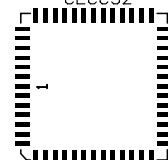
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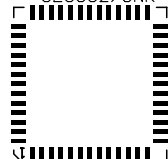
CLCC44T.925



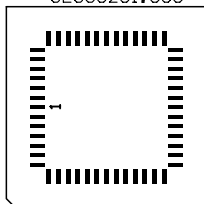
CLCC52



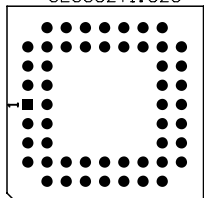
CLCC52/CNR



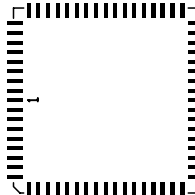
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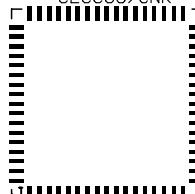
CLCC52T1.025



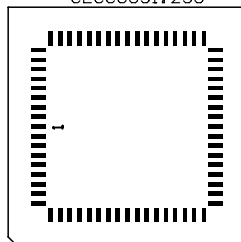
CLCC68



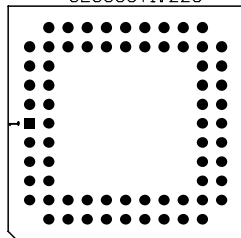
CLCC68/CNR



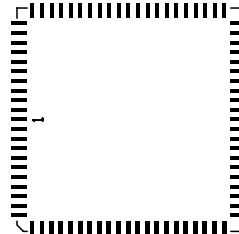
CLCC68S1.250



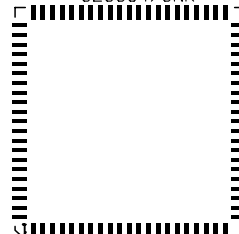
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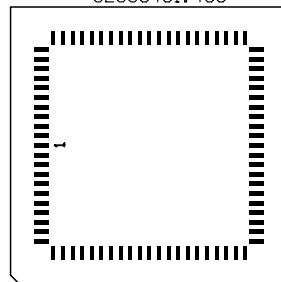
CLCC84



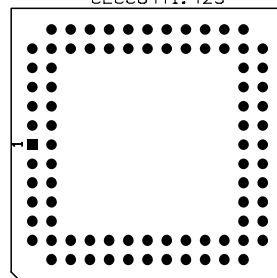
CLCC84/CNR



CLCC84S1.450



CLCC84T1.425



REVISION 6.80	CLCC LIBRARY	
CLCC.LIB		CLCC-1

C	=	Connector
050	=	50 mil Pitch
S	=	Surface mount
B	=	Block style
Number	=	Gull wings or right angle body width in mils
R,V	=	Right angle or Vertical
Number	=	Pin count

**Rt. Angle .420 Wide
OE Pinout**

C050SB420R : HELP
 C050SB420R00
 C050SB420R10
 C050SB420R12
 C050SB420R14
 C050SB420R16
 C050SB420R18
 C050SB420R20
 C050SB420R22
 C050SB420R24
 C050SB420R26
 C050SB420R28
 C050SB420R30
 C050SB420R32
 C050SB420R34
 C050SB420R36
 C050SB420R38
 C050SB420R40
 C050SB420R42
 C050SB420R44
 C050SB420R46
 C050SB420R48
 C050SB420R50
 C050SB420R60
 C050SB420R70
 C050SB420R80
 C050SB420R90

**Rt. Angle .420 Wide
Inv () OE Pinout**

C050SB42_R : HELP
 C050SB42_R00
 C050SB42_R10
 C050SB42_R12
 C050SB42_R14
 C050SB42_R16
 C050SB42_R18
 C050SB42_R20
 C050SB42_R22
 C050SB42_R24
 C050SB42_R26
 C050SB42_R28
 C050SB42_R30
 C050SB42_R32
 C050SB42_R34
 C050SB42_R36
 C050SB42_R38
 C050SB42_R40
 C050SB42_R42
 C050SB42_R44
 C050SB42_R46
 C050SB42_R48
 C050SB42_R50
 C050SB42_R60
 C050SB42_R70
 C050SB42_R80
 C050SB42_R90

**Vertical .165 Gulls
OE Pinout**

C050SB165V : HELP
 C050SB165V00
 C050SB165V10
 C050SB165V20
 C050SB165V30
 C050SB165V40
 C050SB165V50
 C050SB165V60
 C050SB165V70
 C050SB165V80
 C050SB165V90

**Vertical .165 Gulls
Inv () OE Pinout**

C050SB16_V : HELP
 C050SB16_V00
 C050SB16_V10
 C050SB16_V20
 C050SB16_V30
 C050SB16_V40
 C050SB16_V50
 C050SB16_V60
 C050SB16_V70
 C050SB16_V80
 C050SB16_V90

**Vertical .230 Gulls
OE Pinout**

C050SB230V : HELP
 C050SB230V00
 C050SB230V2
 C050SB230V4
 C050SB230V6
 C050SB230V8
 C050SB230V10
 C050SB230V12
 C050SB230V14
 C050SB230V16
 C050SB230V18
 C050SB230V20
 C050SB230V22
 C050SB230V24
 C050SB230V26
 C050SB230V28
 C050SB230V30
 C050SB230V32
 C050SB230V34
 C050SB230V36
 C050SB230V38
 C050SB230V40
 C050SB230V42
 C050SB230V44
 C050SB230V46
 C050SB230V48
 C050SB230V50
 C050SB230V60
 C050SB230V70
 C050SB230V80
 C050SB230V90

Vertical .230 Gulls
Inv () OE Pinout

C050SB23_V : HELP
C050SB23_V00
C050SB23_V2
C050SB23_V4
C050SB23_V6
C050SB23_V8
C050SB23_V10
C050SB23_V12
C050SB23_V14
C050SB23_V16
C050SB23_V18
C050SB23_V20
C050SB23_V22
C050SB23_V24
C050SB23_V26
C050SB23_V28
C050SB23_V30
C050SB23_V32
C050SB23_V34
C050SB23_V36
C050SB23_V38
C050SB23_V40
C050SB23_V42
C050SB23_V44
C050SB23_V46
C050SB23_V48
C050SB23_V50
C050SB23_V60
C050SB23_V70
C050SB23_V80
C050SB23_V90

Vertical .248 Gulls
OE Pinout

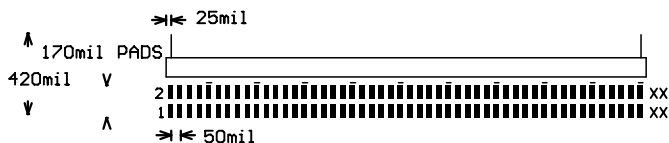
C050SB248V : HELP
C050SB248V00
C050SB248V10
C050SB248V20
C050SB248V24
C050SB248V30
C050SB248V40
C050SB248V50
C050SB248V60
C050SB248V80

Vertical .248 Gulls
Inv () OE Pinout

C050SB24_V : HELP
C050SB24_V00
C050SB24_V10
C050SB24_V20
C050SB24_V24
C050SB24_V30
C050SB24_V40
C050SB24_V50
C050SB24_V60
C050SB24_V80

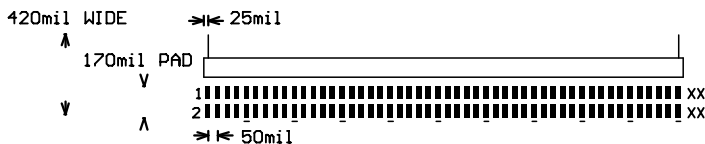
CON050SB : .050 SM BLOCK CONNECTORS

C050SB420R : CON .050 SM BLOCK .420 WIDE RTANG
: STANDARD ODD-EVEN PINOUT



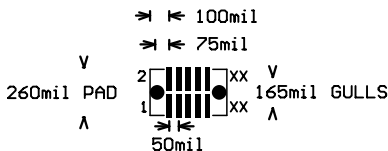
PADSTACK : .029 X .070

C050SB42_R : CON .050 SM BLOCK .420 WIDE INV RTANG
: INVERSE () ODD-EVEN PINOUT



PADSTACK : .029 X .070

C050SB165V : CON .050 SM BLOCK .165 GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



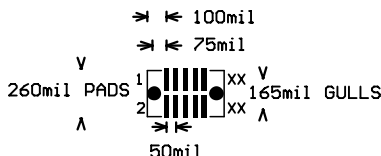
PADSTACK : .029 X .120

MOUNT : .053 HOLE / .074 PAD

REVISION 7.00	CON050SB LIBRARY	
CON050SB.LIB		CON050SB-1

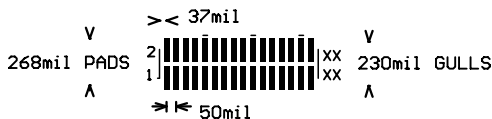
CON050SB : .050 SM BLOCK CONNECTORS

C050SB16_V : CON .050 SM BLOCK .165 GULLS INV VERTICAL
: INVERSE (<_) ODD-EVEN PINOUT



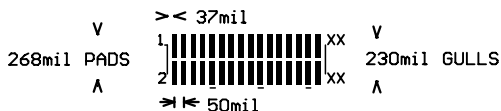
PADSTACK : .029 X .120
MOUNT : .053 HOLE / .074 PAD

C050SB230V : CON .050 SM BLOCK .230 GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



PADSTACK : .029 X .124

C050SB23_V : CON .050 SM BLOCK .230 GULLS INV VERTICAL
: INVERSE (<_) ODD-EVEN PINOUT



PADSTACK : .029 X .124

REVISION 7.00	CON050SB LIBRARY	
CON050SB.LIB		CON050SB-2

CON050SB : .050 SM BLOCK CONNECTORS

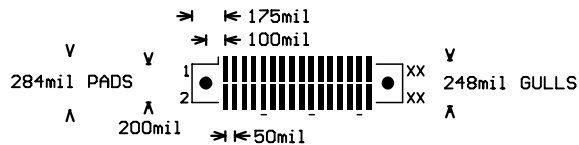
C050SB248V : CON .050 SM BLOCK .248 GULLS VERT
: STANDARD ODD-EVEN PINOUT



PADSTACK : .029 X .134

MOUNT : .042 HOLE / .065 PAD

C050SB24_V : CON .050 SM BLOCK .248 GULLS INV VERTICAL
: INVERSE (_) ODD-EVEN PINOUT



PADSTACK : .029 X .134

MOUNT : .042 HOLE / .065 PAD

REVISION 7.00	CON050SB LIBRARY	
CON050SB.LIB		CON050SB-3

C	=	Connector
050	=	50 mil Pitch
S	=	Surface mount
L	=	Latching style
Number	=	Gull wings or right angle body width in mils
R,V	=	Right angle or Vertical
Number	=	Pin count

**Vertical .230 Gulls
OE Pinout**

C050SL230V : HELP
C050SL230V00
C050SL230V10
C050SL230V12
C050SL230V14
C050SL230V16
C050SL230V18
C050SL230V20
C050SL230V22
C050SL230V24
C050SL230V26
C050SL230V28
C050SL230V30
C050SL230V32
C050SL230V34
C050SL230V36
C050SL230V38
C050SL230V40
C050SL230V42
C050SL230V44
C050SL230V46
C050SL230V48
C050SL230V50
C050SL230V60
C050SL230V70
C050SL230V80
C050SL230V90

**Vertical .230 Gulls
Inv (┘) OE Pinout**

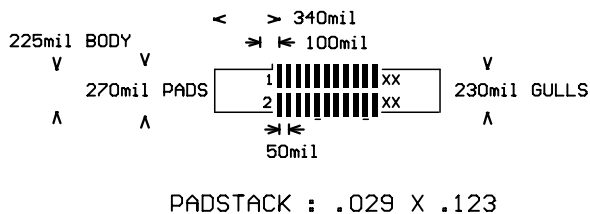
C050SL23_V : HELP
C050SL23_V00
C050SL23_V10
C050SL23_V12
C050SL23_V14
C050SL23_V16
C050SL23_V18
C050SL23_V20
C050SL23_V22
C050SL23_V24
C050SL23_V26
C050SL23_V28
C050SL23_V30
C050SL23_V32
C050SL23_V34
C050SL23_V36
C050SL23_V38
C050SL23_V40
C050SL23_V42
C050SL23_V44
C050SL23_V46
C050SL23_V48
C050SL23_V50
C050SL23_V60
C050SL23_V70
C050SL23_V80
C050SL23_V90

CON050SL : .050 SM LATCHING CONNECTOR

C050SL230V : CON .050 SM LATCH .230 GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



C050SL23_V : CON .050 SM LATCH .230 GULLS INV VERTICAL
: INVERSE (<_>) ODD-EVEN PINOUT



REVISION 7.00	CON050SL LIBRARY	
CON050SL.LIB		CON050SL-1

C	=	Connector
050	=	50 mil Pitch
S	=	Surface mount
W	=	Walled / shrouded style
Number	=	Gull wings or right angle body width in mils
R,V	=	Right angle or Vertical
Number	=	Pin count

**Vertical .165 Gulls
OE Pinout**

C050SW165V : HELP
C050SW165V00
C050SW165V10
C050SW165V20
C050SW165V30
C050SW165V40
C050SW165V50
C050SW165V60
C050SW165V70
C050SW165V80
C050SW165V90

**Vertical .165 Gulls
Inv () OE Pinout**

C050SW16_V : HELP
C050SW16_V00
C050SW16_V10
C050SW16_V20
C050SW16_V30
C050SW16_V40
C050SW16_V50
C050SW16_V60
C050SW16_V70
C050SW16_V80
C050SW16_V90

**Vertical .170 Gulls
OE Pinout**

C050SW170V : HELP
C050SW170V00
C050SW170V10
C050SW170V20
C050SW170V30
C050SW170V40
C050SW170V50
C050SW170V60
C050SW170V70
C050SW170V80
C050SW170V90

**Vertical .170 Gulls
Inv () OE Pinout**

C050SW17_V : HELP
C050SW17_V00
C050SW17_V10
C050SW17_V20
C050SW17_V30
C050SW17_V40
C050SW17_V50
C050SW17_V60
C050SW17_V70
C050SW17_V80
C050SW17_V90

**Vertical .229 Gulls
OE Pinout**

C050SW229V : HELP
C050SW229V00
C050SW229V10
C050SW229V12
C050SW229V14
C050SW229V16
C050SW229V18
C050SW229V20
C050SW229V22
C050SW229V24
C050SW229V26
C050SW229V28
C050SW229V30
C050SW229V32
C050SW229V34
C050SW229V36
C050SW229V38
C050SW229V40
C050SW229V42
C050SW229V44
C050SW229V46
C050SW229V48
C050SW229V50
C050SW229V60
C050SW229V70
C050SW229V80
C050SW229V90

**Vertical .229 Gulls
Inv () OE Pinout**

C050SW22_V : HELP
C050SW22_V00
C050SW22_V10
C050SW22_V12
C050SW22_V14
C050SW22_V16
C050SW22_V18
C050SW22_V20
C050SW22_V22
C050SW22_V24
C050SW22_V26
C050SW22_V28
C050SW22_V30
C050SW22_V32
C050SW22_V34
C050SW22_V36
C050SW22_V38
C050SW22_V40
C050SW22_V42
C050SW22_V44
C050SW22_V46
C050SW22_V48
C050SW22_V50
C050SW22_V60
C050SW22_V70
C050SW22_V80
C050SW22_V90

**Vertical .230 Gulls
OE Pinout**

C050SW230V : HELP
C050SW230V00
C050SW230V10
C050SW230V12
C050SW230V14
C050SW230V16
C050SW230V18
C050SW230V20
C050SW230V22
C050SW230V24
C050SW230V26
C050SW230V28
C050SW230V30
C050SW230V32
C050SW230V34
C050SW230V36
C050SW230V38
C050SW230V40
C050SW230V42
C050SW230V44
C050SW230V46
C050SW230V48
C050SW230V50
C050SW230V60
C050SW230V70
C050SW230V80
C050SW230V90

**Vertical .230 Gulls
Inv () OE Pinout**

C050SW23_V : HELP
C050SW23_V00
C050SW23_V10
C050SW23_V12
C050SW23_V14
C050SW23_V16
C050SW23_V18
C050SW23_V20
C050SW23_V22
C050SW23_V24
C050SW23_V26
C050SW23_V28
C050SW23_V30
C050SW23_V32
C050SW23_V34
C050SW23_V36
C050SW23_V38
C050SW23_V40
C050SW23_V42
C050SW23_V44
C050SW23_V46
C050SW23_V48
C050SW23_V50
C050SW23_V60
C050SW23_V70
C050SW23_V80
C050SW23_V90

**Vertical .346 Gulls
OE Pinout**

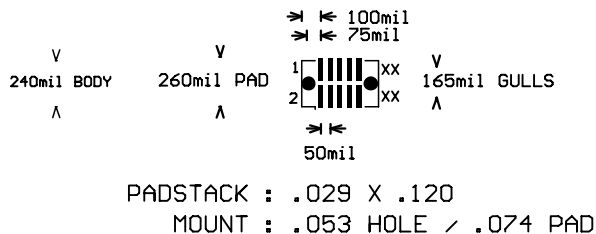
C050SW346V : HELP
C050SW346V00
C050SW346V10
C050SW346V12
C050SW346V14
C050SW346V16
C050SW346V18
C050SW346V20
C050SW346V22
C050SW346V24
C050SW346V26
C050SW346V28
C050SW346V30
C050SW346V32
C050SW346V34
C050SW346V36
C050SW346V38
C050SW346V40
C050SW346V50
C050SW346V60
C050SW346V80

**Vertical .346 Gulls
Inv () OE Pinout**

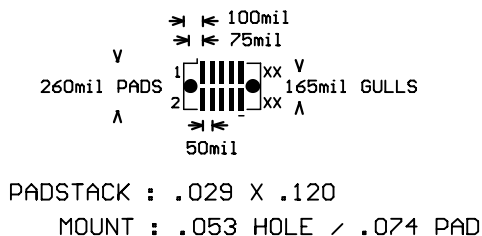
C050SW34_V : HELP
C050SW34_V00
C050SW34_V10
C050SW34_V12
C050SW34_V14
C050SW34_V16
C050SW34_V18
C050SW34_V20
C050SW34_V22
C050SW34_V24
C050SW34_V26
C050SW34_V28
C050SW34_V30
C050SW34_V32
C050SW34_V34
C050SW34_V36
C050SW34_V38
C050SW34_V40
C050SW34_V50
C050SW34_V60
C050SW34_V80

CON050SW : .050 SM WALLED CONNECTORS

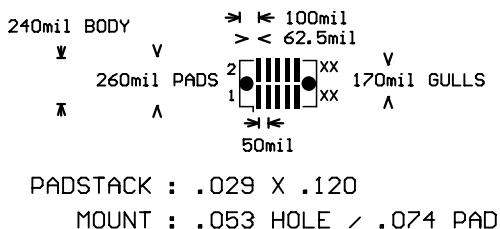
C050SW165V : CON .050 SM WALLED .165 GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



C050SW16_V : CON .050 SM WALLED .165 GULLS INV VERTICAL
: INVERSE (_) ODD-EVEN PINOUT



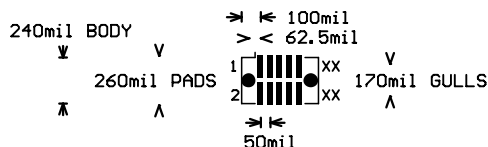
C050SW170V : CON .050 SM WALLED .170 GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



REVISION 7.00	CON050SW LIBRARY	
CON050SW.LIB		CON050SW-1

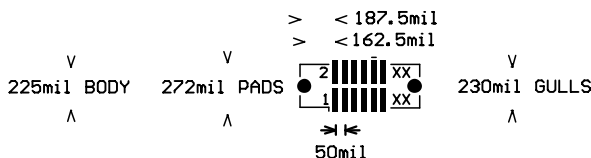
CON050SW : .050 SM WALLED CONNECTORS

C050SW17_V : CON .050 SM WALLED .170 GULLS INV VERT
: INVERSE (_) ODD-EVEN PINOUT



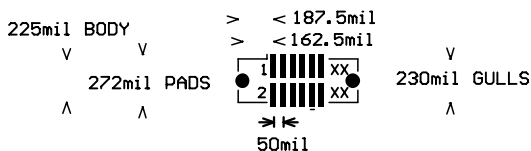
PADSTACK : .029 X .120
MOUNT : .053 HOLE / .074 PAD

C050SW229V : CON .050 SM WALLED .229 GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



PADSTACK : .029 X .124
MOUNT : .053 HOLE / .074 PAD

C050SW22_V : CON .050 SM WALLED .229 GULLS INV VERTICAL
: INVERSE (_) ODD-EVEN PINOUT

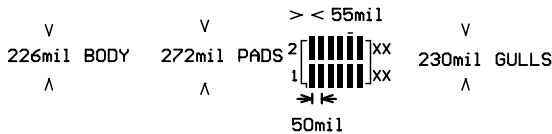


PADSTACK : .029 X .124
MOUNT : .053 HOLE / .074 PAD

REVISION 7.00	CON050SW LIBRARY	
CON050SW.LIB		CON050SW-2

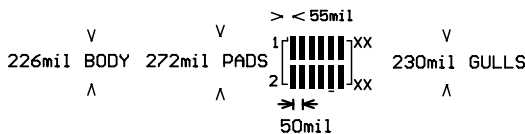
CON050SW : .050 SM WALLED CONNECTORS

C050SW230V : CON .050 SM WALLED .230 GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



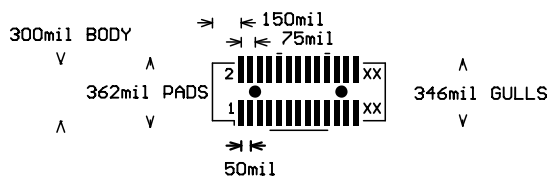
PADSTACK : .029 X .124

C050SW23_V : CON .050 SM WALLED .230 GULLS INV VERTICAL
: INVERSE (_) ODD-EVEN PINOUT



PADSTACK : .029 X .124

C050SW346V : CON .050 SM WALLED .346 GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



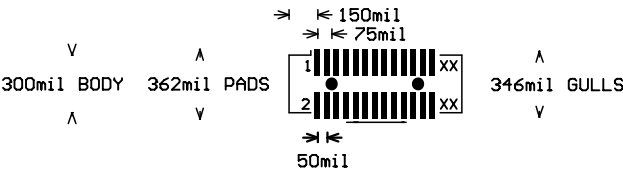
PADSTACK : .029 X .138

MOUNT : .057 HOLE / .067 PAD

REVISION 7.00	CON050SW LIBRARY	
CON050SW.LIB		CON050SW-3

CON050SW : .050 SM WALLED CONNECTORS

C050SW34_V : CON .050 SM WALLED .346 GULLS INV VERTICAL
: INVERSE (_) ODD-EVEN PINOUT



PADSTACK : .029 X .138
MOUNT : .057 HOLE / .067 PAD

REVISION 7.00	CON050SW LIBRARY	
CON050SW.LIB		CON050SW-4

C	=	Connector
050	=	50 mil Pitch
T	=	Thru-hole mount
B	=	Block style
Number	=	Body width in mils
R,V	=	Right angle or Vertical
Number	=	Pin count

**Rt. Angle .235 Wide
Single-in-line**

C050TB235R : HELP

C050TB235R1

C050TB235R2

C050TB235R3

C050TB235R4

C050TB235R5

C050TB235R6

C050TB235R7

C050TB235R8

C050TB235R9

C050TB235R10

C050TB235R11

C050TB235R12

C050TB235R13

C050TB235R14

C050TB235R15

C050TB235R16

C050TB235R17

C050TB235R18

C050TB235R19

C050TB235R20

C050TB235R21

C050TB235R22

C050TB235R23

C050TB235R24

C050TB235R25

C050TB235R26

C050TB235R27

C050TB235R28

C050TB235R29

C050TB235R30

C050TB235R31

C050TB235R32

C050TB235R33

C050TB235R34

C050TB235R35

C050TB235R36

C050TB235R40

C050TB235R45

C050TB235R50

**Rt. Angle .320 Wide
OE Pinout**

C050TB320R : HELP

C050TB320R00

C050TB320R2

C050TB320R4

C050TB320R6

C050TB320R8

C050TB320R10

C050TB320R12

C050TB320R14

C050TB320R16

C050TB320R18

C050TB320R20

C050TB320R22

C050TB320R24

C050TB320R26

C050TB320R28

C050TB320R30

C050TB320R32

C050TB320R34

C050TB320R36

C050TB320R38

C050TB320R40

C050TB320R42

C050TB320R44

C050TB320R46

C050TB320R48

C050TB320R50

C050TB320R60

C050TB320R70

C050TB320R80

C050TB320R90

**Rt. Angle .320 Wide
Inv () OE Pinout**

C050TB32_R : HELP

C050TB32_R00

C050TB32_R2

C050TB32_R4

C050TB32_R6

C050TB32_R8

C050TB32_R10

C050TB32_R12

C050TB32_R14

C050TB32_R16

C050TB32_R18

C050TB32_R20

C050TB32_R22

C050TB32_R24

C050TB32_R26

C050TB32_R28

C050TB32_R30

C050TB32_R32

C050TB32_R34

C050TB32_R36

C050TB32_R38

C050TB32_R40

C050TB32_R42

C050TB32_R44

C050TB32_R46

C050TB32_R48

C050TB32_R50

C050TB32_R60

C050TB32_R70

C050TB32_R80

C050TB32_R90

**Rt. Angle .335 Wide
OE Pinout**

C050TB335R : HELP

C050TB335R00

C050TB335R2

C050TB335R4

C050TB335R6

C050TB335R8

C050TB335R10

C050TB335R12

C050TB335R14

C050TB335R16

C050TB335R18

C050TB335R20

C050TB335R22

C050TB335R24

C050TB335R26

C050TB335R28

C050TB335R30

C050TB335R32

C050TB335R34

C050TB335R36

C050TB335R38

C050TB335R40

C050TB335R42

C050TB335R44

C050TB335R46

C050TB335R48

C050TB335R50

C050TB335R60

C050TB335R70

C050TB335R80

C050TB335R90

**Rt. Angle .335 Wide
Inv () OE Pinout**

C050TB33_R : HELP
C050TB33_R00
C050TB33_R2
C050TB33_R4
C050TB33_R6
C050TB33_R8
C050TB33_R10
C050TB33_R12
C050TB33_R14
C050TB33_R16
C050TB33_R18
C050TB33_R20
C050TB33_R22
C050TB33_R24
C050TB33_R26
C050TB33_R28
C050TB33_R30
C050TB33_R32
C050TB33_R34
C050TB33_R36
C050TB33_R38
C050TB33_R40
C050TB33_R42
C050TB33_R44
C050TB33_R46
C050TB33_R48
C050TB33_R50
C050TB33_R60
C050TB33_R70
C050TB33_R80
C050TB33_R90

**Rt. Angle .360 Wide
OE Pinout**

C050TB360R : HELP
C050TB360R00
C050TB360R2
C050TB360R4
C050TB360R6
C050TB360R8
C050TB360R10
C050TB360R12
C050TB360R14
C050TB360R16
C050TB360R18
C050TB360R20
C050TB360R22
C050TB360R24
C050TB360R26
C050TB360R28
C050TB360R30
C050TB360R32
C050TB360R34
C050TB360R36
C050TB360R38
C050TB360R40
C050TB360R42
C050TB360R44
C050TB360R46
C050TB360R48
C050TB360R50
C050TB360R60
C050TB360R70
C050TB360R80
C050TB360R90

**Rt. Angle .360 Wide
Inv () OE Pinout**

C050TB36_R : HELP
C050TB36_R00
C050TB36_R2
C050TB36_R4
C050TB36_R6
C050TB36_R8
C050TB36_R10
C050TB36_R12
C050TB36_R14
C050TB36_R16
C050TB36_R18
C050TB36_R20
C050TB36_R22
C050TB36_R24
C050TB36_R26
C050TB36_R28
C050TB36_R30
C050TB36_R32
C050TB36_R34
C050TB36_R36
C050TB36_R38
C050TB36_R40
C050TB36_R42
C050TB36_R44
C050TB36_R46
C050TB36_R48
C050TB36_R50
C050TB36_R60
C050TB36_R70
C050TB36_R80
C050TB36_R90

**Vertical .100 Wide
Single-in-line**

C050TB100V : HELP
C050TB100V1
C050TB100V2
C050TB100V3
C050TB100V4
C050TB100V5
C050TB100V6
C050TB100V7
C050TB100V8
C050TB100V9
C050TB100V10
C050TB100V11
C050TB100V12
C050TB100V13
C050TB100V14
C050TB100V15
C050TB100V16
C050TB100V17
C050TB100V18
C050TB100V19
C050TB100V20
C050TB100V21
C050TB100V22
C050TB100V23
C050TB100V24
C050TB100V25
C050TB100V26
C050TB100V27
C050TB100V28
C050TB100V29
C050TB100V30
C050TB100V31
C050TB100V32
C050TB100V33
C050TB100V34
C050TB100V35
C050TB100V36
C050TB100V40
C050TB100V50

**Vertical .140 Wide
OE Pinout**

C050TB140V : HELP
C050TB140V00
C050TB140V2
C050TB140V4
C050TB140V6
C050TB140V8
C050TB140V10
C050TB140V12
C050TB140V14
C050TB140V16
C050TB140V18
C050TB140V20
C050TB140V22
C050TB140V24
C050TB140V26
C050TB140V28
C050TB140V30
C050TB140V32
C050TB140V34
C050TB140V36
C050TB140V38
C050TB140V40
C050TB140V42
C050TB140V44
C050TB140V46
C050TB140V48
C050TB140V50
C050TB140V60
C050TB140V70
C050TB140V80
C050TB140V90

**Vertical .140 Wide
Inv () OE Pinout**

C050TB14_V : HELP
C050TB14_V00
C050TB14_V2
C050TB14_V4
C050TB14_V6
C050TB14_V8
C050TB14_V10
C050TB14_V12
C050TB14_V14
C050TB14_V16
C050TB14_V18
C050TB14_V20
C050TB14_V22
C050TB14_V24
C050TB14_V26
C050TB14_V28
C050TB14_V30
C050TB14_V32
C050TB14_V34
C050TB14_V36
C050TB14_V38
C050TB14_V40
C050TB14_V42
C050TB14_V44
C050TB14_V46
C050TB14_V48
C050TB14_V50
C050TB14_V60
C050TB14_V70
C050TB14_V80
C050TB14_V90

**Vertical .200 Wide
OE Pinout**

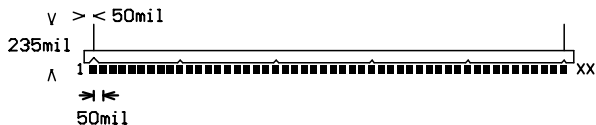
C050TB200V : HELP
C050TB200V00
C050TB200V2
C050TB200V4
C050TB200V6
C050TB200V8
C050TB200V10
C050TB200V12
C050TB200V14
C050TB200V16
C050TB200V18
C050TB200V20
C050TB200V22
C050TB200V24
C050TB200V26
C050TB200V28
C050TB200V30
C050TB200V32
C050TB200V34
C050TB200V36
C050TB200V38
C050TB200V40
C050TB200V42
C050TB200V44
C050TB200V46
C050TB200V48
C050TB200V50
C050TB200V60
C050TB200V70
C050TB200V80
C050TB200V90

**Vertical .200 Wide
Inv () OE Pinout**

C050TB20_V : HELP
C050TB20_V00
C050TB20_V2
C050TB20_V4
C050TB20_V6
C050TB20_V8
C050TB20_V10
C050TB20_V12
C050TB20_V14
C050TB20_V16
C050TB20_V18
C050TB20_V20
C050TB20_V22
C050TB20_V24
C050TB20_V26
C050TB20_V28
C050TB20_V30
C050TB20_V32
C050TB20_V34
C050TB20_V36
C050TB20_V38
C050TB20_V40
C050TB20_V42
C050TB20_V44
C050TB20_V46
C050TB20_V48
C050TB20_V50
C050TB20_V60
C050TB20_V70
C050TB20_V80
C050TB20_V90

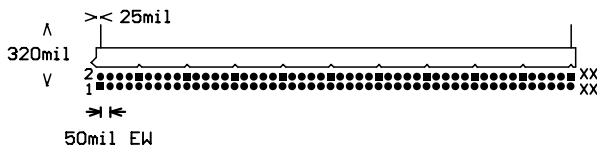
CON050TB : .050 TM BLOCK CONNECTORS

C050TB235R : CON .050 TM BLOCK .235 WIDE RTANG
: SEQUENTIAL PINOUT



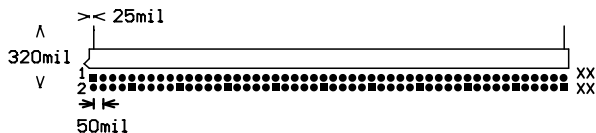
PADSTACK : .028 HOLE / .036 X .046 PAD

C050TB320R : CON .050 TM BLOCK .320 WIDE RTANG
: STANDARD ODD-EVEN PINOUT



PADSTACK : .028 HOLE / .042 PAD

C050TB32_R : CON .050 TM BLOCK .320 WIDE INV RTANG
: INVERSE () ODD-EVEN PINOUT

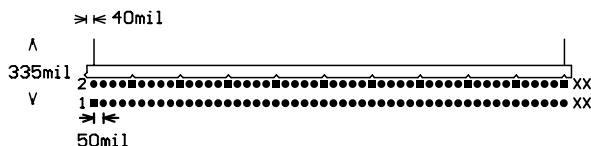


PADSTACK : .028 HOLE / .042 PAD

REVISION 7.00	CON050TB LIBRARY	
CON050TB.LIB		CON050TB-1

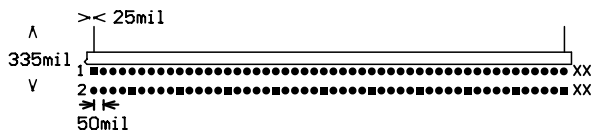
CON050TB : .050 TM BLOCK CONNECTORS

C050TB335R : CON .050 TM BLOCK .335 WIDE RTANG
: STANDARD ODD-EVEN PINOUT



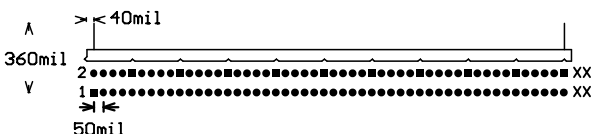
PADSTACK : .028 HOLE / .042 PAD

C050TB33_R : CON .050 TM BLOCK .335 WIDE INV RTANG
: INVERSE (<_) ODD-EVEN PINOUT



PADSTACK : .028 HOLE / .042 PAD

C050TB360R : CON .050 TM BLOCK .360 WIDE RTANG
: STANDARD ODD-EVEN PINOUT

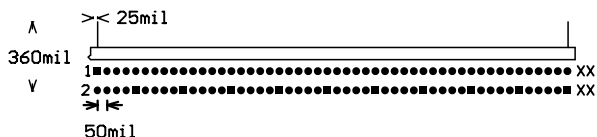


PADSTACK : .028 HOLE / .042 PAD

REVISION 7.00	CON050TB LIBRARY	
CON050TB.LIB		CON050TB-2

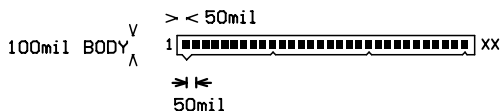
CON050TB : .050 TM BLOCK CONNECTORS

C050TB36_R : CON .050 TM BLOCK .360 WIDE INV RTANG
: INVERSE () ODD-EVEN PINOUT



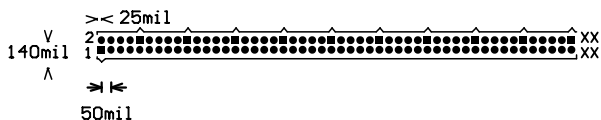
PADSTACK : .028 HOLE / .042 PAD

C050TB100V : CON .050 TM BLOCK .100 WIDE VERTICAL
: STANDARD ODD-EVEN PINOUT



PADSTACK : .028 HOLE / .042 PAD

C050TB140V : CON .050 TM BLOCK .140 WIDE VERTICAL
: STANDARD ODD-EVEN PINOUT



PADSTACK : .028 HOLE / .042 PAD

REVISION 7.00	CON050TB LIBRARY	
CON050TB.LIB		CON050TB-3

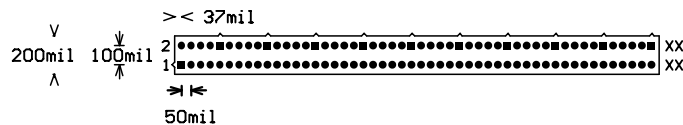
CON050TB : .050 TM BLOCK CONNECTORS

C050TB14_V : CON .050 TM BLOCK .140 WIDE INV VERTICAL
: INVERSE (<_) ODD-EVEN PINOUT



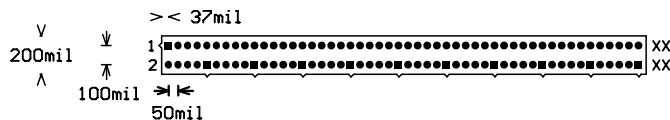
PADSTACK : .028 HOLE / .042 PAD

C050TB200V : CON .050 TM BLOCK .200 WIDE VERTICAL
: STANDARD ODD-EVEN PINOUT



PADSTACK : .028 HOLE / .042 PAD

C050TB20_V : CON .050 TM BLOCK .200 WIDE INV VERTICAL
: INVERSE (<_) ODD-EVEN PINOUT



PADSTACK : .028 HOLE / .042 PAD

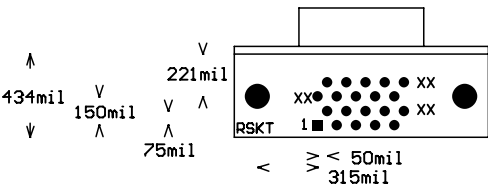
REVISION 7.00	CON050TB LIBRARY	
CON050TB.LIB		CON050TB-4

C	=	Connector
050	=	50 mil Pitch
T	=	Thru-hole socket
D	=	D-Shell style
/RS, /VS	=	Right angle or Vertical Socket
Number	=	Pin count
A	=	Variant

Rt. Angle Socket Standard Form	Rt. Angle Socket Alternate Form	Vertical Socket Standard Form	Vertical Socket Alternate Form
C050TD/RS : HELP	C050TD/RSA : HELP	C050TD/VS : HELP	C050TD/VSA : HELP
C050TD/RS00	C050TD/RSA00	C050TD/VS00	C050TD/VSA00
C050TD/RS20	C050TD/RSA20	C050TD/VS20	C050TD/VSA20
C050TD/RS26	C050TD/RSA26	C050TD/VS26	C050TD/VSA26
C050TD/RS28	C050TD/RSA28	C050TD/VS28	C050TD/VSA28
C050TD/RS40	C050TD/RSA40	C050TD/VS40	C050TD/VSA40
C050TD/RS50	C050TD/RSA50	C050TD/VS50	C050TD/VSA50
C050TD/RS60	C050TD/RSA60	C050TD/VS60	C050TD/VSA60
C050TD/RS68	C050TD/RSA68	C050TD/VS68	C050TD/VSA68
C050TD/RS80	C050TD/RSA80	C050TD/VS80	C050TD/VSA80

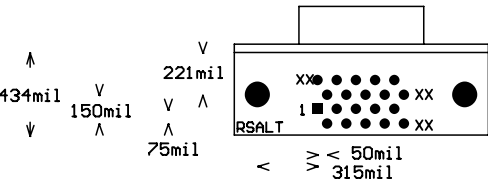
CON050TD : .050 TM D-SHELL CONNECTORS

C050TDRS : CON .050 TM D-SHELL RTANG SOCKET
: STANDARD SEQUENTIAL PINOUT



PADSTACK : .034 HOLE / .055 PAD
MOUNT : .109 HOLE / .130 PAD

C050TDRSA : CON .050 TM D-SHELL RTANG SOCKET ALT
: ALTERNATE SEQUENTIAL PINOUT

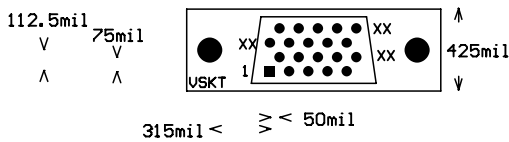


PADSTACK : .034 HOLE / .055 PAD
MOUNT : .109 HOLE / .130 PAD

REVISION 7.00	CON050TD LIBRARY	
CON050TD.LIB		CON050TD-1

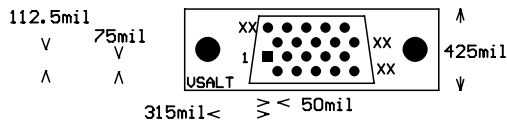
CON050TD : .050 TM D-SHELL CONNECTORS

C050TDVS : CON .050 TM D-SHELL VERTICAL SOCKET
: STANDARD SEQUENTIAL PINOUT



PADSTACK : .034 HOLE / .055 PAD
MOUNT : .109 HOLE / .130 PAD

C050TDVSA : CON .050 TM D-SHELL VERTICAL SOCKET ALT
: ALTERNATE SEQUENTIAL PINOUT



PADSTACK : .034 HOLE / .055 PAD
MOUNT : .109 HOLE / .130 PAD

REVISION 7.00	CON050TD LIBRARY	
CON050TD.LIB		CON050TD-2

C	=	Connector
050	=	50 mil Pitch
T	=	Thru-hole mount
L	=	Latching style
Number	=	Body width in mils
R,V	=	Right angle or Vertical
Number	=	Pin count

**Vertical .225
OE Pinout**

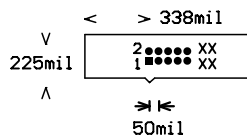
C050TL225V : HELP
C050TL225V00
C050TL225V10
C050TL225V12
C050TL225V14
C050TL225V16
C050TL225V18
C050TL225V20
C050TL225V22
C050TL225V24
C050TL225V26
C050TL225V28
C050TL225V30
C050TL225V32
C050TL225V34
C050TL225V36
C050TL225V38
C050TL225V40
C050TL225V42
C050TL225V44
C050TL225V46
C050TL225V48
C050TL225V50
C050TL225V60
C050TL225V70
C050TL225V80
C050TL225V90

**Vertical .225
Inv () OE Pinout**

C050TL22_V : HELP
C050TL22_V00
C050TL22_V10
C050TL22_V12
C050TL22_V14
C050TL22_V16
C050TL22_V18
C050TL22_V20
C050TL22_V22
C050TL22_V24
C050TL22_V26
C050TL22_V28
C050TL22_V30
C050TL22_V32
C050TL22_V34
C050TL22_V36
C050TL22_V38
C050TL22_V40
C050TL22_V42
C050TL22_V44
C050TL22_V46
C050TL22_V48
C050TL22_V50
C050TL22_V60
C050TL22_V70
C050TL22_V80
C050TL22_V90

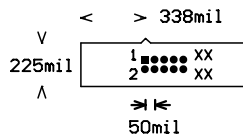
CON050TL : .050 TM LATCH CONNECTORS

C050TL225V : CON .050 TM LATCHING .225 WIDE VERTICAL
: STANDARD ODD-EVEN PINOUT



PADSTACK : .028 HOLE / .042 PAD

C050TL22-V : CON .050 TM LATCHING .225 WIDE INV VERTICAL
: INVERSE (<_) ODD-EVEN PINOUT



PADSTACK : .028 HOLE / .042 PAD

REVISION 7.00	CON050TL LIBRARY	
CON050TL.LIB		CON050TL-1

C	=	Connector
050	=	50 mil Pitch
T	=	Thru-hole mount
W	=	Walled / shrouded style
Number	=	Body width in mils
R,V	=	Right angle or Vertical
Number	=	Pin count

**Rt. Angle .408 Wide
Single-in-line**

C050TW408R : HELP
 C050TW408R4
 C050TW408R5
 C050TW408R6
 C050TW408R7
 C050TW408R8
 C050TW408R9
 C050TW408R10
 C050TW408R11
 C050TW408R12
 C050TW408R13
 C050TW408R14
 C050TW408R15
 C050TW408R16
 C050TW408R17
 C050TW408R18
 C050TW408R19
 C050TW408R20
 C050TW408R21
 C050TW408R22
 C050TW408R23
 C050TW408R24
 C050TW408R25
 C050TW408R26
 C050TW408R27
 C050TW408R28
 C050TW408R29
 C050TW408R30
 C050TW408R31
 C050TW408R32
 C050TW408R33
 C050TW408R34
 C050TW408R35
 C050TW408R36
 C050TW408R40
 C050TW408R45
 C050TW408R50

**Rt. Angle .508 Wide
OE Pinout**

C050TW508R : HELP
 C050TW508R00
 C050TW508R4
 C050TW508R6
 C050TW508R8
 C050TW508R10
 C050TW508R12
 C050TW508R14
 C050TW508R16
 C050TW508R18
 C050TW508R20
 C050TW508R22
 C050TW508R24
 C050TW508R26
 C050TW508R28
 C050TW508R30
 C050TW508R32
 C050TW508R34
 C050TW508R36
 C050TW508R38
 C050TW508R40
 C050TW508R42
 C050TW508R44
 C050TW508R46
 C050TW508R48
 C050TW508R50
 C050TW508R60
 C050TW508R68
 C050TW508R70
 C050TW508R72
 C050TW508R80
 C050TW508R90

**Rt. Angle .508 Wide
Inv (┘) OE Pinout**

C050TW50_R : HELP
 C050TW50_R00
 C050TW50_R4
 C050TW50_R6
 C050TW50_R8
 C050TW50_R10
 C050TW50_R12
 C050TW50_R14
 C050TW50_R16
 C050TW50_R18
 C050TW50_R20
 C050TW50_R22
 C050TW50_R24
 C050TW50_R26
 C050TW50_R28
 C050TW50_R30
 C050TW50_R32
 C050TW50_R34
 C050TW50_R36
 C050TW50_R38
 C050TW50_R40
 C050TW50_R42
 C050TW50_R44
 C050TW50_R46
 C050TW50_R48
 C050TW50_R50
 C050TW50_R60
 C050TW50_R68
 C050TW50_R70
 C050TW50_R72
 C050TW50_R80
 C050TW50_R90

**Vertical .200 Wide
Single-in-line**

C050TW200V : HELP
 C050TW200V4
 C050TW200V5
 C050TW200V6
 C050TW200V7
 C050TW200V8
 C050TW200V9
 C050TW200V10
 C050TW200V11
 C050TW200V12
 C050TW200V13
 C050TW200V14
 C050TW200V15
 C050TW200V16
 C050TW200V17
 C050TW200V18
 C050TW200V19
 C050TW200V20
 C050TW200V21
 C050TW200V22
 C050TW200V23
 C050TW200V24
 C050TW200V25
 C050TW200V26
 C050TW200V27
 C050TW200V28
 C050TW200V29
 C050TW200V30
 C050TW200V31
 C050TW200V32
 C050TW200V33
 C050TW200V34
 C050TW200V35
 C050TW200V36
 C050TW200V40
 C050TW200V45
 C050TW200V50

**Vertical .225 Wide
OE Pinout**

C050TW225V : HELP
C050TW225V00
C050TW225V10
C050TW225V12
C050TW225V14
C050TW225V16
C050TW225V18
C050TW225V20
C050TW225V22
C050TW225V24
C050TW225V26
C050TW225V28
C050TW225V30
C050TW225V32
C050TW225V34
C050TW225V36
C050TW225V38
C050TW225V40
C050TW225V42
C050TW225V44
C050TW225V46
C050TW225V48
C050TW225V50
C050TW225V60
C050TW225V70
C050TW225V80
C050TW225V90

**Vertical .225 Wide
Inv () OE Pinout**

C050TW22_V : HELP
C050TW22_V00
C050TW22_V10
C050TW22_V12
C050TW22_V14
C050TW22_V16
C050TW22_V18
C050TW22_V20
C050TW22_V22
C050TW22_V24
C050TW22_V26
C050TW22_V28
C050TW22_V30
C050TW22_V32
C050TW22_V34
C050TW22_V36
C050TW22_V38
C050TW22_V40
C050TW22_V42
C050TW22_V44
C050TW22_V46
C050TW22_V48
C050TW22_V50
C050TW22_V60
C050TW22_V70
C050TW22_V80
C050TW22_V90

**Vertical .300 Wide
OE Pinout**

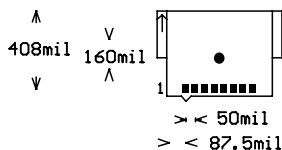
C050TW300V : HELP
C050TW300V00
C050TW300V4
C050TW300V6
C050TW300V8
C050TW300V10
C050TW300V12
C050TW300V14
C050TW300V16
C050TW300V18
C050TW300V20
C050TW300V22
C050TW300V24
C050TW300V26
C050TW300V28
C050TW300V30
C050TW300V32
C050TW300V34
C050TW300V36
C050TW300V38
C050TW300V40
C050TW300V42
C050TW300V44
C050TW300V46
C050TW300V48
C050TW300V50
C050TW300V60
C050TW300V68
C050TW300V70
C050TW300V72
C050TW300V80
C050TW300V90

**Vertical .300 Wide
Inv () OE Pinout**

C050TW30_V : HELP
C050TW30_V00
C050TW30_V4
C050TW30_V6
C050TW30_V8
C050TW30_V10
C050TW30_V12
C050TW30_V14
C050TW30_V16
C050TW30_V18
C050TW30_V20
C050TW30_V22
C050TW30_V24
C050TW30_V26
C050TW30_V28
C050TW30_V30
C050TW30_V32
C050TW30_V34
C050TW30_V36
C050TW30_V38
C050TW30_V40
C050TW30_V42
C050TW30_V44
C050TW30_V46
C050TW30_V48
C050TW30_V50
C050TW30_V60
C050TW30_V68
C050TW30_V70
C050TW30_V72
C050TW30_V80
C050TW30_V90

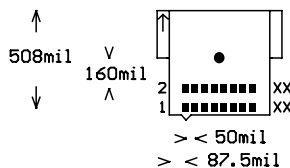
CON050TW : .050 TM WALLED CONNECTORS

C050TW408R : CON .050 TM WALLED .408 WIDE RTANG
: STANDARD SEQUENTIAL PINOUT



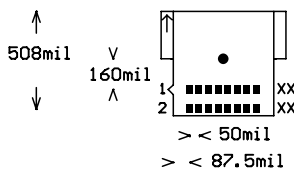
PADSTACK : .022 HOLE / .036 X .046 PAD

C050TW508R : CON .050 TM WALLED .508 WIDE RTANG
: STANDARD ODD-EVEN PINOUT



PADSTACK : .022 HOLE / .036 X .046 PAD

C050TW50_R : CON .050 TM WALLED .508 WIDE RTANG INV
: INVERSE (<_) ODD-EVEN PINOUT

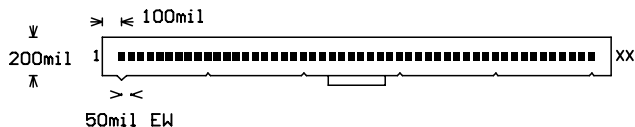


PADSTACK : .022 HOLE / .036 X .046 PAD

REVISION 7.00	CON050TW LIBRARY	
CON050TW.LIB		CON050TW-1

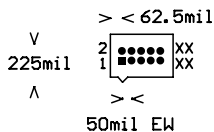
CON050TW : .050 TM WALLED CONNECTORS

C050TW200V : CON .050 TM WALLED .225 WIDE VERTICAL
: SEQUENTIAL PINOUT



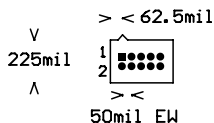
PADSTACK : .022 HOLE / .036 X .046 PAD

C050TW225V : CON .050 TM WALLED .225 WIDE VERTICAL
: STANDARD PINOUT



PADSTACK : .026 HOLE / .042 PAD

C050TW22_V : CON .050 TM WALLED .225 WIDE VERTICAL INV
: INVERSE (_) ODD-EVEN PINOUT

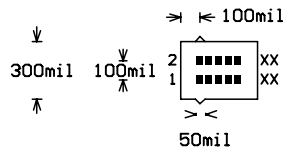


PADSTACK : .026 HOLE / .042 PAD

REVISION 7.00	CON050TW LIBRARY	
CON050TW.LIB		CON050TW-2

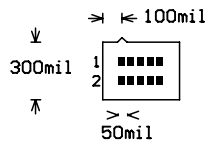
CON050TW : .050 TM WALLED CONNECTORS

C050TW300V : CON .050 TM WALLED .300 WIDE VERTICAL
: STANDARD ODD-EVEN PINOUT



PADSTACK : .022 HOLE / .036 X .046 PAD

C050TW30_V : CON .050 TM WALLED .300 WIDE VERTICAL INV
: INVERSE (<_) ODD-EVEN PINOUT



PADSTACK : .022 HOLE / .036 X .046 PAD

REVISION 7.00	CON050TW LIBRARY	
CON050TW.LIB		CON050TW-3

C	=	Connector
100	=	100 mil Pitch
S	=	Surface mount
B	=	Block style
Number	=	Gull wings or right angle width in mils
R,V	=	Right angle or Vertical
Number	=	Pin count

**Rt. Angle .516 Wide
Single-in-line**

C100SB516R : HELP
 C100SB516R2
 C100SB516R3
 C100SB516R4
 C100SB516R5
 C100SB516R6
 C100SB516R7
 C100SB516R8
 C100SB516R9
 C100SB516R10
 C100SB516R11
 C100SB516R12
 C100SB516R13
 C100SB516R14
 C100SB516R15
 C100SB516R16
 C100SB516R17
 C100SB516R18
 C100SB516R19
 C100SB516R20
 C100SB516R21
 C100SB516R22
 C100SB516R23
 C100SB516R24
 C100SB516R25
 C100SB516R26
 C100SB516R27
 C100SB516R28
 C100SB516R29
 C100SB516R30
 C100SB516R31
 C100SB516R32
 C100SB516R33
 C100SB516R34
 C100SB516R35
 C100SB516R36

**Rt. Angle .630 Wide
OE Pinout**

C100SB630R : HELP
 C100SB630R4
 C100SB630R6
 C100SB630R8
 C100SB630R10
 C100SB630R12
 C100SB630R14
 C100SB630R16
 C100SB630R18
 C100SB630R20
 C100SB630R22
 C100SB630R24
 C100SB630R26
 C100SB630R28
 C100SB630R30
 C100SB630R32
 C100SB630R34
 C100SB630R36
 C100SB630R38
 C100SB630R40
 C100SB630R42
 C100SB630R44
 C100SB630R46
 C100SB630R48
 C100SB630R50
 C100SB630R52
 C100SB630R54
 C100SB630R56
 C100SB630R58
 C100SB630R60
 C100SB630R62
 C100SB630R64
 C100SB630R66
 C100SB630R68
 C100SB630R70
 C100SB630R72

**Rt. Angle .630 Wide
Inv () OE Pinout**

C100SB63_R : HELP
 C100SB63_R4
 C100SB63_R6
 C100SB63_R8
 C100SB63_R10
 C100SB63_R12
 C100SB63_R14
 C100SB63_R16
 C100SB63_R18
 C100SB63_R20
 C100SB63_R22
 C100SB63_R24
 C100SB63_R26
 C100SB63_R28
 C100SB63_R30
 C100SB63_R32
 C100SB63_R34
 C100SB63_R36
 C100SB63_R38
 C100SB63_R40
 C100SB63_R42
 C100SB63_R44
 C100SB63_R46
 C100SB63_R48
 C100SB63_R50
 C100SB63_R52
 C100SB63_R54
 C100SB63_R56
 C100SB63_R58
 C100SB63_R60
 C100SB63_R62
 C100SB63_R64
 C100SB63_R66
 C100SB63_R68
 C100SB63_R70
 C100SB63_R72

**Vertical .190 Gulls
Single-in-line**

C100SB190V : HELP
 C100SB190V2
 C100SB190V3
 C100SB190V4
 C100SB190V5
 C100SB190V6
 C100SB190V7
 C100SB190V8
 C100SB190V9
 C100SB190V10
 C100SB190V11
 C100SB190V12
 C100SB190V13
 C100SB190V14
 C100SB190V15
 C100SB190V16
 C100SB190V17
 C100SB190V18
 C100SB190V19
 C100SB190V20
 C100SB190V21
 C100SB190V22
 C100SB190V23
 C100SB190V24
 C100SB190V25
 C100SB190V26
 C100SB190V27
 C100SB190V28
 C100SB190V29
 C100SB190V30
 C100SB190V31
 C100SB190V32
 C100SB190V33
 C100SB190V34
 C100SB190V35
 C100SB190V36

**Vertical .290 Gulls
OE Pinout**

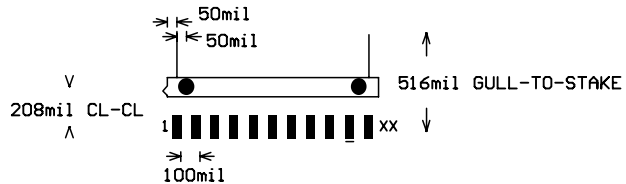
C100SB290V : HELP
C100SB290V4
C100SB290V6
C100SB290V8
C100SB290V10
C100SB290V12
C100SB290V14
C100SB290V16
C100SB290V18
C100SB290V20
C100SB290V22
C100SB290V24
C100SB290V26
C100SB290V28
C100SB290V30
C100SB290V32
C100SB290V34
C100SB290V36
C100SB290V38
C100SB290V40
C100SB290V42
C100SB290V44
C100SB290V46
C100SB290V48
C100SB290V50
C100SB290V52
C100SB290V54
C100SB290V56
C100SB290V58
C100SB290V60
C100SB290V62
C100SB290V64
C100SB290V66
C100SB290V68
C100SB290V70
C100SB290V72

**Vertical .290 Gulls
Inv () OE Pinout**

C100SB29_V : HELP
C100SB29_V4
C100SB29_V6
C100SB29_V8
C100SB29_V10
C100SB29_V12
C100SB29_V14
C100SB29_V16
C100SB29_V18
C100SB29_V20
C100SB29_V22
C100SB29_V24
C100SB29_V26
C100SB29_V28
C100SB29_V30
C100SB29_V32
C100SB29_V34
C100SB29_V36
C100SB29_V38
C100SB29_V40
C100SB29_V42
C100SB29_V44
C100SB29_V46
C100SB29_V48
C100SB29_V50
C100SB29_V52
C100SB29_V54
C100SB29_V56
C100SB29_V58
C100SB29_V60
C100SB29_V62
C100SB29_V64
C100SB29_V66
C100SB29_V68
C100SB29_V70
C100SB29_V72

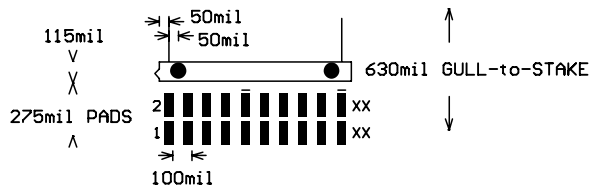
CON100SB : .100 SM BLOCK CONNECTORS

C100SB516R : CON .100 SM BLOCK .516 WIDE RTANG
: SEQUENTIAL PINOUT



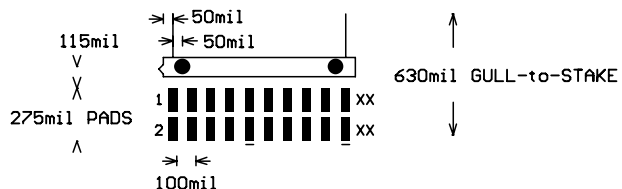
PADSTACK : .050 X .125
MOUNT : .070 HOLE / .085 PAD

C100SB630R : CON .100 SM BLOCK .630 WIDE RTANG
: STANDARD ODD-EVEN PINOUT



PADSTACK : .050 X .125
MOUNT : .070 HOLE / .085 PAD

C100SB63_R : CON .100 SM BLOCK .630 WIDE INV RTANG
: INVERSE () ODD-EVEN PINOUT

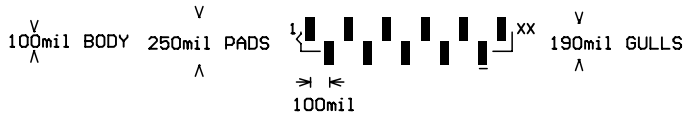


PADSTACK : .050 X .125
MOUNT : .070 HOLE / .085 PAD

REVISION 7.00	CON100SB LIBRARY	
CON100SB.LIB		CON100SB-1

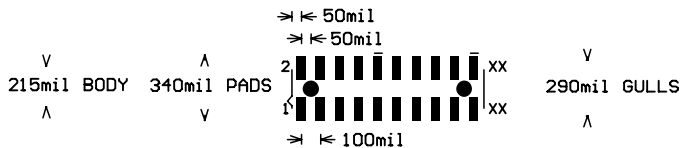
CON100SB : .100 SM BLOCK CONNECTORS

C100SB190V : CON .100 SM BLOCK .190 WIDE GULLS VERTICAL
: STANDARD SEQUENTIAL PINOUT



PADSTACK : .050 X .125

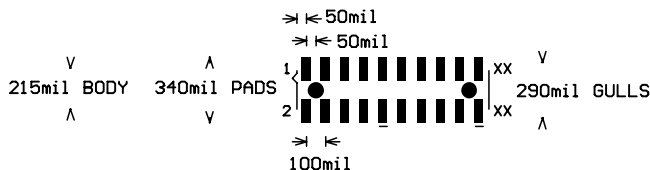
C100SB290V : CON .100 SM BLOCK .290 WIDE GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



PADSTACK : .050 X .125

MOUNT : .070 HOLE / .085 PAD

C100SB29_U : CON .100 SM BLOCK .290 WIDE INV GULLS VERT
: INVERSE (_) ODD-EVEN PINOUT



PADSTACK : .050 X .125

MOUNT : .070 HOLE / .085 PAD

REVISION 7.00	CON100SB LIBRARY	
CON100SB.LIB		CON100SB-2

CON100TB.LIB

C	=	Connector
100	=	100 mil Pitch
T	=	Thru-hole mount
B	=	Block style
Number	=	Width in mils
R,V	=	Right angle or Vertical
Number	=	Pin count

Rt. Angle .350 Wide Single-in-line .025 Sq. Post

C100TB350R : HELP
 C100TB350R2
 C100TB350R3
 C100TB350R4
 C100TB350R5
 C100TB350R6
 C100TB350R7
 C100TB350R8
 C100TB350R9
 C100TB350R10
 C100TB350R11
 C100TB350R12
 C100TB350R13
 C100TB350R14
 C100TB350R15
 C100TB350R16
 C100TB350R17
 C100TB350R18
 C100TB350R19
 C100TB350R20
 C100TB350R21
 C100TB350R22
 C100TB350R23
 C100TB350R24

Rt. Angle .425 Wide Single-in-line

C100TB425R : HELP
 C100TB425R2
 C100TB425R3
 C100TB425R4
 C100TB425R5
 C100TB425R6
 C100TB425R7
 C100TB425R8
 C100TB425R9
 C100TB425R10
 C100TB425R11
 C100TB425R12
 C100TB425R13
 C100TB425R14
 C100TB425R15
 C100TB425R16
 C100TB425R17
 C100TB425R18
 C100TB425R19
 C100TB425R20
 C100TB425R21
 C100TB425R22
 C100TB425R23
 C100TB425R24

Rt. Angle .525 Wide OE Pinout

C100TB525R : HELP
 C100TB525R2
 C100TB525R4
 C100TB525R6
 C100TB525R8
 C100TB525R10
 C100TB525R12
 C100TB525R14
 C100TB525R16
 C100TB525R18
 C100TB525R20
 C100TB525R22
 C100TB525R24
 C100TB525R26
 C100TB525R28
 C100TB525R30
 C100TB525R32
 C100TB525R34
 C100TB525R36
 C100TB525R38
 C100TB525R40
 C100TB525R42
 C100TB525R44
 C100TB525R46
 C100TB525R48
 C100TB525R50
 C100TB525R52
 C100TB525R54
 C100TB525R56
 C100TB525R58
 C100TB525R60
 C100TB525R62
 C100TB525R64

Rt. Angle .525 Wide Inv () OE Pinout

C100TB52_R : HELP
 C100TB52_R2
 C100TB52_R4
 C100TB52_R6
 C100TB52_R8
 C100TB52_R10
 C100TB52_R12
 C100TB52_R14
 C100TB52_R16
 C100TB52_R18
 C100TB52_R20
 C100TB52_R22
 C100TB52_R24
 C100TB52_R26
 C100TB52_R28
 C100TB52_R30
 C100TB52_R32
 C100TB52_R34
 C100TB52_R36
 C100TB52_R38
 C100TB52_R40
 C100TB52_R42
 C100TB52_R44
 C100TB52_R46
 C100TB52_R48
 C100TB52_R50
 C100TB52_R52
 C100TB52_R54
 C100TB52_R56
 C100TB52_R58
 C100TB52_R60
 C100TB52_R62
 C100TB52_R64

**Rt. Angle .530 Wide
OE Pinout
.025 Sq. Post**

C100TB530R : HELP
C100TB530R2
C100TB530R4
C100TB530R6
C100TB530R8
C100TB530R10
C100TB530R12
C100TB530R14
C100TB530R16
C100TB530R18
C100TB530R20
C100TB530R22
C100TB530R24
C100TB530R26
C100TB530R28
C100TB530R30
C100TB530R32
C100TB530R34
C100TB530R36
C100TB530R38
C100TB530R40
C100TB530R42
C100TB530R44
C100TB530R46
C100TB530R48
C100TB530R50
C100TB530R52
C100TB530R54
C100TB530R56
C100TB530R58
C100TB530R60
C100TB530R62
C100TB530R64

**Rt. Angle .530 Wide
Inv () OE Pinout
.025 Sq. Post**

C100TB53_R : HELP
C100TB53_R2
C100TB53_R4
C100TB53_R6
C100TB53_R8
C100TB53_R10
C100TB53_R12
C100TB53_R14
C100TB53_R16
C100TB53_R18
C100TB53_R20
C100TB53_R22
C100TB53_R24
C100TB53_R26
C100TB53_R28
C100TB53_R30
C100TB53_R32
C100TB53_R34
C100TB53_R36
C100TB53_R38
C100TB53_R40
C100TB53_R42
C100TB53_R44
C100TB53_R46
C100TB53_R48
C100TB53_R50
C100TB53_R52
C100TB53_R54
C100TB53_R56
C100TB53_R58
C100TB53_R60
C100TB53_R62
C100TB53_R64

**Vertical .100 Wide
Single-in-line**

C100TB100V : HELP

C100TB100V2
C100TB100V3
C100TB100V4
C100TB100V5
C100TB100V6
C100TB100V7
C100TB100V8
C100TB100V9
C100TB100V10
C100TB100V11
C100TB100V12
C100TB100V13
C100TB100V14
C100TB100V15
C100TB100V16
C100TB100V17
C100TB100V18
C100TB100V19
C100TB100V20
C100TB100V21
C100TB100V22
C100TB100V23
C100TB100V24
C100TB100V25
C100TB100V26
C100TB100V27
C100TB100V28
C100TB100V29
C100TB100V30
C100TB100V31
C100TB100V32
C100TB100V33
C100TB100V34
C100TB100V35
C100TB100V36

**Vertical .101 Wide
Single-in-line
.025 Sq. Posts**

C100TB101V
C100TB101V2
C100TB101V3
C100TB101V4
C100TB101V5
C100TB101V6
C100TB101V7
C100TB101V8
C100TB101V9
C100TB101V10
C100TB101V11
C100TB101V12
C100TB101V13
C100TB101V14
C100TB101V15
C100TB101V16
C100TB101V17
C100TB101V18
C100TB101V19
C100TB101V20
C100TB101V21
C100TB101V22
C100TB101V23
C100TB101V24

**Vertical .200 Wide
OE Pinout**

C100TB200V : HELP
C100TB200V2
C100TB200V4
C100TB200V6
C100TB200V8
C100TB200V10
C100TB200V12
C100TB200V14
C100TB200V16
C100TB200V18
C100TB200V20
C100TB200V22
C100TB200V24
C100TB200V26
C100TB200V28
C100TB200V30
C100TB200V32
C100TB200V34
C100TB200V36
C100TB200V38
C100TB200V40
C100TB200V42
C100TB200V44
C100TB200V46
C100TB200V48
C100TB200V50
C100TB200V52
C100TB200V54
C100TB200V56
C100TB200V58
C100TB200V60
C100TB200V62
C100TB200V64
C100TB200V66
C100TB200V68
C100TB200V70
C100TB200V72
C100TB200V74
C100TB200V76
C100TB200V78
C100TB200V80
C100TB200V82
C100TB200V84
C100TB200V86
C100TB200V88
C100TB200V90
C100TB200V92
C100TB200V94
C100TB200V96
C100TB200V98

**Vertical .200 Wide
Inv () OE Pinout**

C100TB20_V : HELP
C100TB20_V2
C100TB20_V4
C100TB20_V6
C100TB20_V8
C100TB20_V10
C100TB20_V12
C100TB20_V14
C100TB20_V16
C100TB20_V18
C100TB20_V20
C100TB20_V22
C100TB20_V24
C100TB20_V26
C100TB20_V28
C100TB20_V30
C100TB20_V32
C100TB20_V34
C100TB20_V36
C100TB20_V38
C100TB20_V40
C100TB20_V42
C100TB20_V44
C100TB20_V46
C100TB20_V48
C100TB20_V50
C100TB20_V52
C100TB20_V54
C100TB20_V56
C100TB20_V58
C100TB20_V60
C100TB20_V62
C100TB20_V64
C100TB20_V66
C100TB20_V68
C100TB20_V70
C100TB20_V72
C100TB20_V74
C100TB20_V76
C100TB20_V78
C100TB20_V80
C100TB20_V82
C100TB20_V84
C100TB20_V86
C100TB20_V88
C100TB20_V90
C100TB20_V92
C100TB20_V94
C100TB20_V96
C100TB20_V98

**Vertical .210 Wide
OE Pinout
.025 Sq. Post**

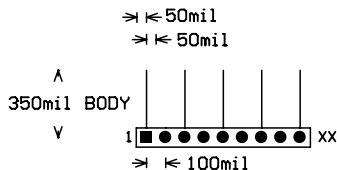
C100TB210V : HELP
C100TB210V2
C100TB210V4
C100TB210V6
C100TB210V8
C100TB210V10
C100TB210V12
C100TB210V14
C100TB210V16
C100TB210V18
C100TB210V20
C100TB210V22
C100TB210V24
C100TB210V26
C100TB210V28
C100TB210V30
C100TB210V32
C100TB210V34
C100TB210V36
C100TB210V38
C100TB210V40
C100TB210V42
C100TB210V44
C100TB210V46
C100TB210V48
C100TB210V50
C100TB210V52
C100TB210V54
C100TB210V56
C100TB210V58
C100TB210V60
C100TB210V62
C100TB210V64
C100TB210V66
C100TB210V68
C100TB210V70
C100TB210V72
C100TB210V74
C100TB210V76
C100TB210V78
C100TB210V80
C100TB210V82
C100TB210V84
C100TB210V86
C100TB210V88
C100TB210V90
C100TB210V92
C100TB210V94
C100TB210V96
C100TB210V98

**Vertical .210 Wide
Inv () OE Pinout
.025 Sq. Post**

C100TB21_V : HELP
C100TB21_V2
C100TB21_V4
C100TB21_V6
C100TB21_V8
C100TB21_V10
C100TB21_V12
C100TB21_V14
C100TB21_V16
C100TB21_V18
C100TB21_V20
C100TB21_V22
C100TB21_V24
C100TB21_V26
C100TB21_V28
C100TB21_V30
C100TB21_V32
C100TB21_V34
C100TB21_V36
C100TB21_V38
C100TB21_V40
C100TB21_V42
C100TB21_V44
C100TB21_V46
C100TB21_V48
C100TB21_V50
C100TB21_V52
C100TB21_V54
C100TB21_V56
C100TB21_V58
C100TB21_V60
C100TB21_V62
C100TB21_V64
C100TB21_V66
C100TB21_V68
C100TB21_V70
C100TB21_V72
C100TB21_V74
C100TB21_V76
C100TB21_V78
C100TB21_V80
C100TB21_V82
C100TB21_V84
C100TB21_V86
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C100TB21_V94
C100TB21_V96
C100TB21_V98

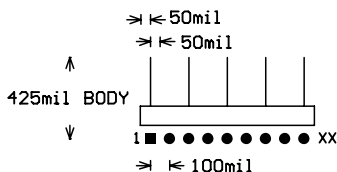
CON100TB : .100 TM BLOCK CONNECTORS

C100TB350R : CON .100 TM BLOCK .350 WIDE RTANG
: SEQUENTIAL PINOUT



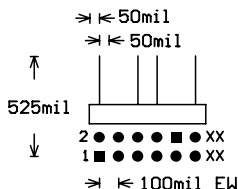
PADSTACK : .042 HOLE / .062 PAD
PINS : .025 SQ. POST

C100TB425R : CON .100 TM BLOCK .425 WIDE RTANG
: STANDARD PINOUT



PADSTACK : .037 HOLE / .058 PAD

C100TB525R : CON .100 TM BLOCK .525 WIDE RTANG
: STANDARD ODD-EVEN PINOUT

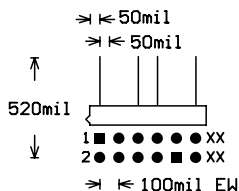


PADSTACK : .037 HOLE / .058 PAD

REVISION 7.00	CON100TB LIBRARY	
CON100TB.LIB		CON100TB-1

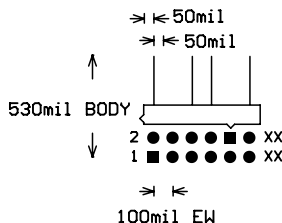
CON100TB : .100 TM BLOCK CONNECTORS

C100TB52_R : CON .100 TM BLOCK .520 WIDE INV RTANG
: INVERSE (_) ODD-EVEN PINOUT



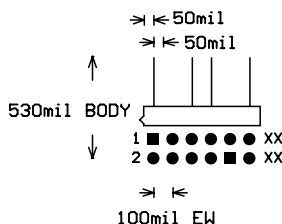
PADSTACK : .037 HOLE / .058 PAD

C100TB53OR : CON .100 TM BLOCK .530 WIDE RTANG
: STANDARD ODD-EVEN PINOUT



PADSTACK : .042 HOLE / .062 PAD
PINS : .025 SQ. POST

C100TB53_R : CON .100 TM BLOCK .530 WIDE INV RTANG
: INVERSE (_) ODD-EVEN PINOUT

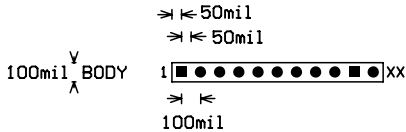


PADSTACK : .042 HOLE / .062 PAD
PINS : .025 SQ. POST

REVISION 7.00	CON100TB LIBRARY	
CON100TB.LIB		CON100TB-2

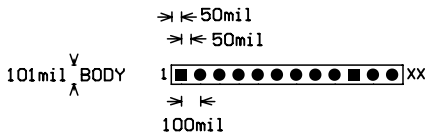
CON100TB : .100 TM BLOCK CONNECTORS

```
C100TB100V : CON .100 TM BLOCK .100 WIDE VERTICAL
            : SEQUENTIAL PINOUT
```



PADSTACK : .037 HOLE / .058 PAD

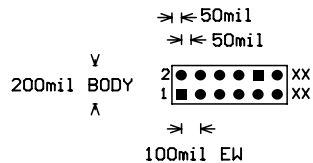
```
C100TB101V : CON .100 TM BLOCK .101 WIDE VERTICAL
             : SEQUENTIAL PINOUT
```



PADSTACK : .042 HOLE / .062 PAD

PINS : .025 SQ. POST

```
C100TB200V : CON .100 TM BLOCK .200 WIDE VERTICAL
            : STANDARD ODD-EVEN PINOUT
```

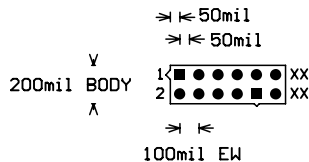


PADSTACK : .037 HOLE / .058 PAD

REVISION 7.00	CON100TB LIBRARY	PAGE
CON100TB		CON100TB-3

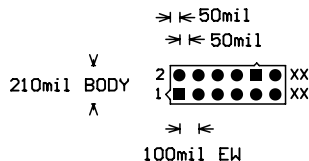
CON100TB : .100 TM BLOCK CONNECTORS

C100TB20_V : CON .100 TM BLOCK .200 WIDE INV VERTICAL
: INVERSE (_) ODD-EVEN PINOUT



PADSTACK : .037 HOLE / .058 PAD

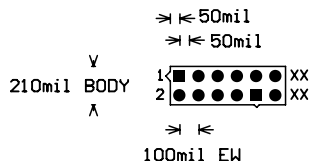
C100TB210V : CON .100 TM BLOCK .210 WIDE VERTICAL
: STANDARD ODD-EVEN PINOUT



PADSTACK : .042 HOLE / .062 PAD

PINS : .025 SQ. POST

C100TB21_V : CON .100 TM BLOCK .210 WIDE INV VERTICAL
: INVERSE (_) ODD-EVEN PINOUT



PADSTACK : .042 HOLE / .062 PAD

PINS : .025 SQ. POST

REVISION 7.00	CON100TB LIBRARY	
CON100TB.LIB		CON100TB-4

C	=	Connector
100	=	100 mil Pitch
T	=	Thru-hole mount
L	=	Latching IDC style
Number	=	Body Width in mils
R, V	=	Right angle or Vertical
Number	=	Pin count

**Rt. Angle 1.100 Wide
OE Pinout**

C100TL110R : HELP

C100TL110R10

C100TL110R14

C100TL110R16

C100TL110R20

C100TL110R24

C100TL110R26

C100TL110R30

C100TL110R34

C100TL110R40

C100TL110R50

C100TL110R60

C100TL110R64

**Rt. Angle 1.110 Wide
OE Pinout
.025 Sq. Post**

C100TL111R : HELP

C100TL111R10

C100TL111R14

C100TL111R16

C100TL111R20

C100TL111R24

C100TL111R26

C100TL111R30

C100TL111R34

C100TL111R40

C100TL111R50

C100TL111R60

C100TL111R64

**Vertical .350 Wide
OE Pinout**

C100TL350V : HELP

C100TL350V10

C100TL350V14

C100TL350V16

C100TL350V20

C100TL350V24

C100TL350V26

C100TL350V30

C100TL350V34

C100TL350V40

C100TL350V50

C100TL350V60

C100TL350V64

**Vertical .351 Wide
OE Pinout
.025 Sq. Post**

C100TL351V : HELP

C100TL351V10

C100TL351V14

C100TL351V16

C100TL351V20

C100TL351V24

C100TL351V26

C100TL351V30

C100TL351V34

C100TL351V40

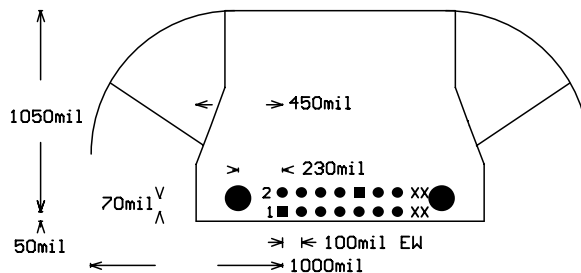
C100TL351V50

C100TL351V60

C100TL351V64

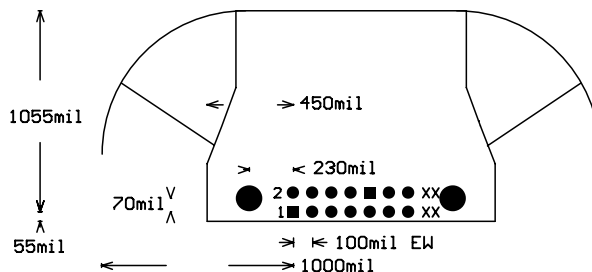
CON100TL : .100 TM LATCH CONNECTORS

C100TL110R : CON .100 TM LATCHING 1.100 WIDE RTANG
: STANDARD ODD-EVEN PINOUT



PADSTACK : .037 HOLE / .058 PAD
MOUNT : .116 HOLE / .138 PAD

C100TL111R : CON .100 TM LATCHING 1.110 WIDE RTANG
: STANDARD ODD-EVEN PINOUT

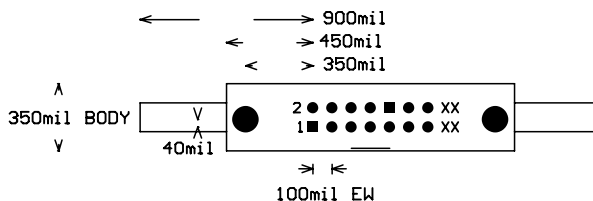


PADSTACK : .042 HOLE / .062 PAD
MOUNT : .116 HOLE / .138 PAD
PINS : .025 SQ. POST

REVISION 7.00	CON100TL LIBRARY	
CON100TL.LIB		CON100TL-1

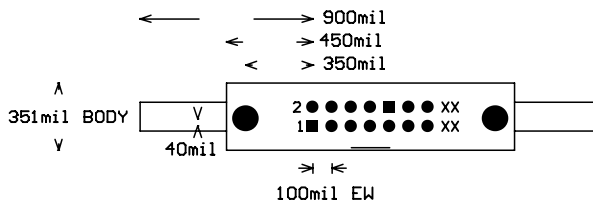
CON100TL : .100 TM LATCH CONNECTORS

C100TL350V : CON .100 TM LATCHING .350 WIDE VERTICAL
: STANDARD ODD-EVEN PINOUT



PADSTACK : .037 HOLE / .058 PAD
MOUNT : .116 HOLE / .138 PAD

C100TL351V : CON .100 TM LATCHING .351 WIDE VERTICAL
: STANDARD ODD-EVEN PINOUT



PADSTACK : .042 HOLE / .062 PAD
MOUNT : .116 HOLE / .138 PAD
PINS : .025 SQ. POST

REVISION 7.00	CON100TL LIBRARY	
CON100TL.LIB		CON100TL-2

C	=	Connector
100	=	100 mil Pitch
T	=	Thru-hole mount
P	=	Polarized / friction lock style
Number	=	Body width in mils
R, V	=	Right angle or Vertical
Number	=	Pin count

**Rt. Angle .440 Wide
Single-in-line
.025 Sq. Post**

C100TP440R : HELP
C100TP440R2
C100TP440R3
C100TP440R4
C100TP440R5
C100TP440R6
C100TP440R7
C100TP440R8
C100TP440R9
C100TP440R10
C100TP440R11
C100TP440R12
C100TP440R13
C100TP440R14
C100TP440R15
C100TP440R16
C100TP440R17
C100TP440R18
C100TP440R19
C100TP440R20
C100TP440R21
C100TP440R22
C100TP440R23
C100TP440R24
C100TP440R25
C100TP440R26
C100TP440R27
C100TP440R28
C100TP440R29
C100TP440R30
C100TP440R31
C100TP440R32
C100TP440R33
C100TP440R34
C100TP440R35
C100TP440R36

**Vertical .300 Wide
Single-in-line
.025 Sq. Post**

C100TP300V : HELP
C100TP300V2
C100TP300V3
C100TP300V4
C100TP300V5
C100TP300V6
C100TP300V7
C100TP300V8
C100TP300V9
C100TP300V10
C100TP300V11
C100TP300V12
C100TP300V13
C100TP300V14
C100TP300V15
C100TP300V16
C100TP300V17
C100TP300V18
C100TP300V19
C100TP300V20
C100TP300V21
C100TP300V22
C100TP300V23
C100TP300V24
C100TP300V25
C100TP300V26
C100TP300V27
C100TP300V28
C100TP300V29
C100TP300V30
C100TP300V31
C100TP300V32
C100TP300V33
C100TP300V34
C100TP300V35
C100TP300V36

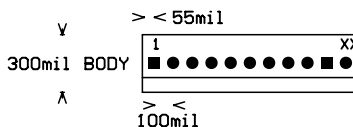
CON100TP : .100 TM POLAR/FRICTION CON

C100TP440R : CON .100 TM POLAR/FRICTION .440 WIDE RTANG
: SEQUENTIAL PINOUT



PADSTACK : .042 HOLE / .062 PAD
PINS : .025 SQ. POST

C100TP300V : CON .100 TM POLAR/FRICTION .300 WIDE VERT
: SEQUENTIAL PINOUT



PADSTACK : .042 HOLE / .062 PAD
PINS : .025 SQ. POST

REVISION 7.00	CON100TP LIBRARY	
CON100TP.LIB		CON100TP-1

C	=	Connector
100	=	100 mil Pitch
T	=	Thru-hole mount
W	=	Walled/shrouded IDC style
Number	=	Body width in mils
R, V	=	Right angle or Vertical
Number	=	Pin count

**Rt. Angle .550 Wide
OE Pinout**

C100TW550R : HELP
 C100TW550R10
 C100TW550R12
 C100TW550R14
 C100TW550R16
 C100TW550R20
 C100TW550R24
 C100TW550R26
 C100TW550R30
 C100TW550R34
 C100TW550R40
 C100TW550R60
 C100TW550R64

**Rt. Angle .551 Wide
OE Pinout
.025 Sq. Post**

C100TW551R : HELP
 C100TW551R10
 C100TW551R12
 C100TW551R14
 C100TW551R16
 C100TW551R20
 C100TW551R24
 C100TW551R26
 C100TW551R30
 C100TW551R34
 C100TW551R40
 C100TW551R50
 C100TW551R60
 C100TW551R64

**Vertical .325 Wide
OE Pinout**

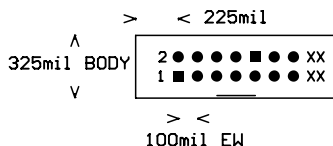
C100TW325V : HELP
 C100TW325V10
 C100TW325V14
 C100TW325V16
 C100TW325V20
 C100TW325V24
 C100TW325V26
 C100TW325V30
 C100TW325V34
 C100TW325V40
 C100TW325V50
 C100TW325V60
 C100TW325V64

**Vertical .326 Wide
OE Pinout
.025 Sq. Post**

C100TW326V : HELP
 C100TW326V10
 C100TW326V14
 C100TW326V16
 C100TW326V20
 C100TW326V24
 C100TW326V26
 C100TW326V30
 C100TW326V34
 C100TW326V40
 C100TW326V50
 C100TW326V60
 C100TW326V64

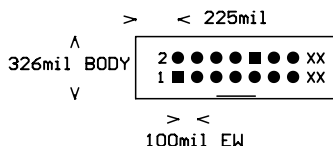
CON100TW : .100 TM WALLED CONNECTORS

C100TW325V : CON .100 TM WALLED .325 WIDE VERTICAL
: STANDARD ODD-EVEN PINOUT



PADSTACK : .037 HOLE / .058 PAD

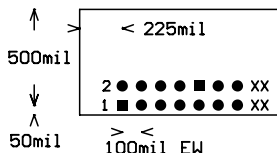
C100TW326V : CON .100 TM WALLED .326 WIDE VERTICAL
: STANDARD ODD-EVEN PINOUT



PADSTACK : .042 HOLE / .062 PAD

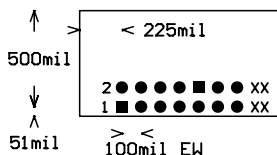
PINS : .025 SQ. POST

C100TW550R : CON .100 TM WALLED .550 WIDE RTANG
: STANDARD ODD-EVEN PINOUT



PADSTACK : .037 HOLE / .058 PAD

C100TW551R : CON .100 TM WALLED .551 WIDE RTANG
: STANDARD ODD-EVEN PINOUT



PADSTACK : .042 HOLE / .062 PAD

PINS : .025 SQ. POST

REVISION 7.00	CON100TW LIBRARY	
CON100TW.LIB		CON100TW-1

C	=	Connector
156	=	156 mil Pitch
T	=	Thru-hole mount
B	=	Block style
Number	=	Width in mils
R,V	=	Right angle or Vertical
Number	=	Pin count

**Vertical .156 Wide
Single-in-line
.045 Sq. Post**

C156TB156V : HELP
C156TB156V2
C156TB156V3
C156TB156V4
C156TB156V5
C156TB156V6
C156TB156V7
C156TB156V8
C156TB156V9
C156TB156V10
C156TB156V11
C156TB156V12
C156TB156V13
C156TB156V14
C156TB156V15
C156TB156V16
C156TB156V17
C156TB156V18
C156TB156V19
C156TB156V20
C156TB156V21
C156TB156V22
C156TB156V23
C156TB156V24

**Vertical .312 Wide
Single-in-line
.045 Sq. Post**

C156TB312V : HELP
C156TB312V2
C156TB312V3
C156TB312V4
C156TB312V5
C156TB312V6
C156TB312V7
C156TB312V8
C156TB312V9
C156TB312V10
C156TB312V11
C156TB312V12
C156TB312V13
C156TB312V14
C156TB312V15
C156TB312V16
C156TB312V17
C156TB312V18
C156TB312V19
C156TB312V20
C156TB312V21
C156TB312V22
C156TB312V23
C156TB312V24

**Rt. Angle .545 Wide
Single-in-line
.045 Sq. Post**

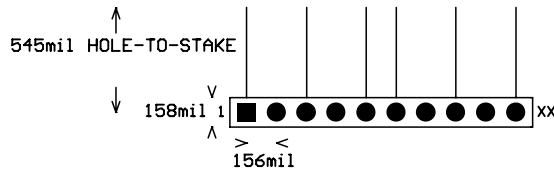
C156TB545R : HELP
C156TB545R2
C156TB545R3
C156TB545R4
C156TB545R5
C156TB545R6
C156TB545R7
C156TB545R8
C156TB545R9
C156TB545R10
C156TB545R11
C156TB545R12
C156TB545R13
C156TB545R14
C156TB545R15
C156TB545R16
C156TB545R17
C156TB545R18
C156TB545R19
C156TB545R20
C156TB545R21
C156TB545R22
C156TB545R23
C156TB545R24

**Rt. Angle .585 Wide
Single-in-line
.045 Sq. Post**

C156TB585R : HELP
C156TB585R2
C156TB585R3
C156TB585R4
C156TB585R5
C156TB585R6
C156TB585R7
C156TB585R8
C156TB585R9
C156TB585R10
C156TB585R11
C156TB585R12
C156TB585R13
C156TB585R14
C156TB585R15
C156TB585R16
C156TB585R17
C156TB585R18
C156TB585R19
C156TB585R20
C156TB585R21
C156TB585R22
C156TB585R23
C156TB585R24

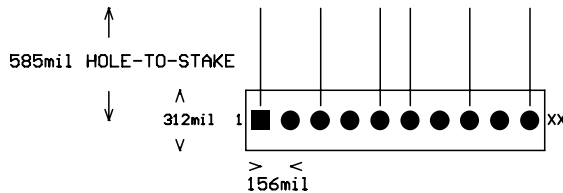
CON156TB : .156 TM BLOCK CONNECTORS

C156TB545R : CON .156 TM BLOCK .545 WIDE RTANG
: SEQUENTIAL PINOUT



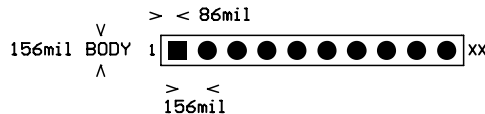
PADSTACK : .070 HOLE / .100 PAD
PINS : .045 SQ. POST

C156TB585R : CON .156 TM BLOCK .585 WIDE RTANG
: STANDARD SEQUENTIAL PINOUT



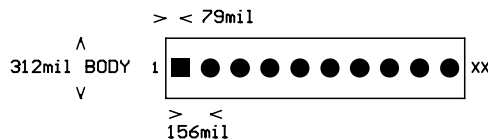
PADSTACK : .070 HOLE / .100 PAD
PINS : .045 SQ. POST

C156TB156V : CON .156 TM BLOCK .156 WIDE VERTICAL
: SEQUENTIAL PINOUT



PADSTACK : .070 HOLE / .100 PAD
PINS : .045 SQ. POST

C156TB312V : CON .156 TM BLOCK .156 WIDE VERTICAL
: SEQUENTIAL PINOUT



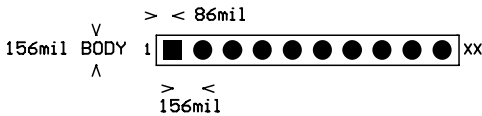
PADSTACK : .070 HOLE / .100 PAD
PINS : .045 SQ. POST

REVISION 7.00	CON156TB LIBRARY	
CON156TB.LIB		CON156TB-1

CON156TB

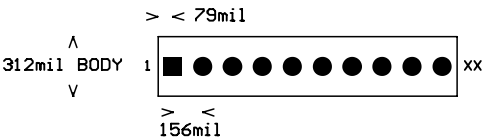
CONNECTOR : .156 TM BLOCKS

C156TB156V : CON .156 TM BLOCK .156 WIDE VERTICAL
: SEQUENTIAL PINOUT



PADSTACK : .070 HOLE / .100 PAD
PINS : .045 SQ. POST

C156TB312V : CON .156 TM BLOCK .156 WIDE VERTICAL
: SEQUENTIAL PINOUT



PADSTACK : .070 HOLE / .100 PAD
PINS : .045 SQ. POST

REVISION 7.00	CON156TB LIBRARY	
CON156TB.LIB		CON156TB-2

C	=	Connector
156	=	156 mil Pitch
T	=	Thru-hole mount
P	=	Polarized / friction lock style
Number	=	Body width in mils
R, V	=	Right angle or Vertical
Number	=	Pin count

**Rt. Angle .800 Wide
Single-in-line
.045 Sq. Post**

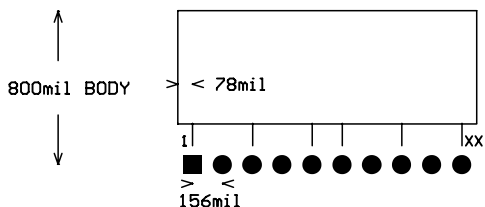
C156TP800R : HELP
 C156TP800R2
 C156TP800R3
 C156TP800R4
 C156TP800R5
 C156TP800R6
 C156TP800R7
 C156TP800R8
 C156TP800R9
 C156TP800R10
 C156TP800R11
 C156TP800R12
 C156TP800R13
 C156TP800R14
 C156TP800R15
 C156TP800R16
 C156TP800R17
 C156TP800R18
 C156TP800R19
 C156TP800R20
 C156TP800R21
 C156TP800R22
 C156TP800R23
 C156TP800R24

**Vertical .425 Wide
Single-in-line
.045 Sq. Post**

C156TP425V : HELP
 C156TP425V2
 C156TP425V3
 C156TP425V4
 C156TP425V5
 C156TP425V6
 C156TP425V7
 C156TP425V8
 C156TP425V9
 C156TP425V10
 C156TP425V11
 C156TP425V12
 C156TP425V13
 C156TP425V14
 C156TP425V15
 C156TP425V16
 C156TP425V17
 C156TP425V18
 C156TP425V19
 C156TP425V20
 C156TP425V21
 C156TP425V22
 C156TP425V23
 C156TP425V24

CON156TP : .156 TM POLARIZED/FRICT CON

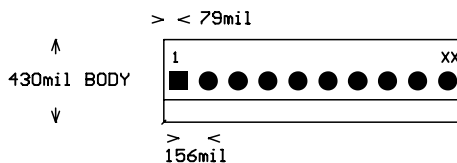
C156TP800R : CON .156 TM POLARIZED .580 WIDE RTANG
: SEQUENTIAL PINOUT



PADSTACK : .070 HOLE / .100 PAD

PINS : .045 SQ. POST

C156TP425V : CON .156 TM BLOCK .425 WIDE VERTICAL
: SEQUENTIAL PINOUT



PADSTACK : .070 HOLE / .100 PAD

PINS : .045 SQ. POST

REVISION 7.00	CON156TP LIBRARY	
CON156TP.LIB		CON156TP-1

CONCENT.LIB

C	=	Connector
CENT	=	Centronics compatible
Number	=	Row spacing
RP, RS, VP, VS	=	Right angle or Vertical Plug or Socket
Number	=	Pin count

**Rt. Angle
.085 x .169 Pitch
Plug & Sockets**

CCENT169RP14
CCENT169RP24
CCENT169RP36
CCENT169RP50

CCENT169RS14
CCENT169RS24
CCENT169RS36
CCENT169RS50

**Vertical
.085 x .151 Pitch
Plugs & Sockets**

CCENT151VP14
CCENT151VP24
CCENT151VP36
CCENT151VP50

CCENT151VS14
CCENT151VS24
CCENT151VS36
CCENT151VS50

**Vertical
.085 x .169 Pitch
Plugs & Sockets**

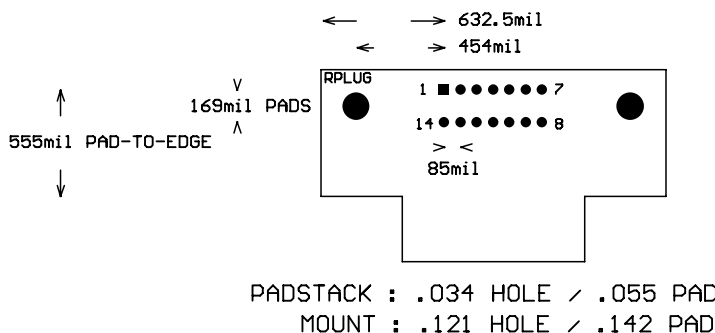
CCENT169VP14
CCENT169VP24
CCENT169VP36
CCENT169VP50

CCENT169VS14
CCENT169VS24
CCENT169VS36
CCENT169VS50

CONCENT : CENTRONICS COMPATIBLE CONN.

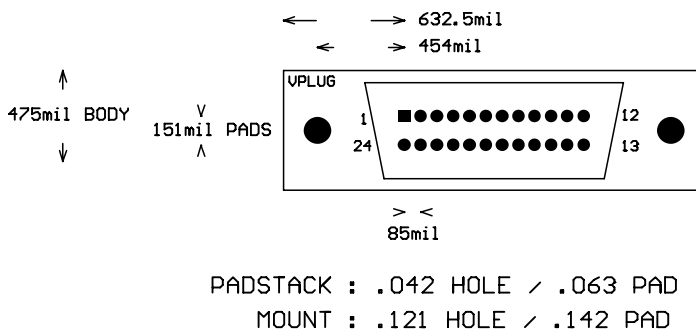
CCENT151R

- : CON .085 X .169 CENTRONICS TM D-SHELL RTANG
- : CONTINUOUS PINOUT



CCENT151V

- : CON .085 X .151 CENTRONICS TM D-SHELL VERTICAL
- : CONTINUOUS PINOUT

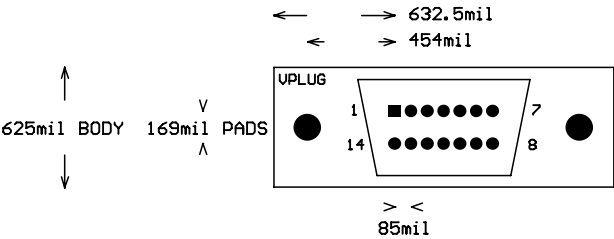


REVISION 7.00	CONCENT LIBRARY	
CONCENT.LIB		CONCENT-1

CONCENT : CENTRONICS COMPATIBLE CONN.

CCENT169U

: CON .085 X .169 CENTRONICS TM D-SHELL VERTICAL
: CONTINUOUS PINOUT



PADSTACK : .042 HOLE / .063 PAD
MOUNT : .121 HOLE / .142 PAD

REVISION 7.00	CONCENT LIBRARY	
CONCENT.LIB		CONCENT-2

CONDIN.LIB

DIN	=	DIN
Number	=	Pin count
R, V	=	Right angle or Vertical
AB, AC, ABC, BC	=	Filled rows

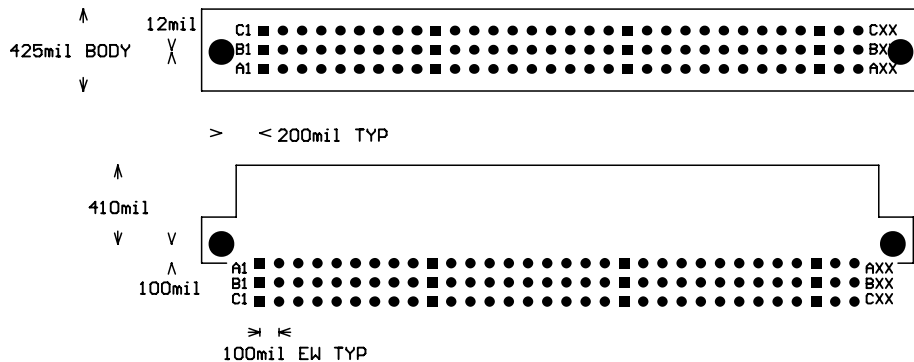
DIN : HELP

Rt. Angle	Vertical
Std & Inv () Pinouts	Std & Inv () Pinouts
DIN/R32AB	DIN/V32AB
DIN/R32AB_I	DIN/V32AB_I
DIN/R64AB	DIN/V64AB
DIN/R64AB_I	DIN/V64AB_I
DIN/R64AC	DIN/V64AC
DIN/R64AC_I	DIN/V64AC_I
DIN/R96ABC	DIN/V96ABC
DIN/R96ABC_I	DIN/V96ABC_I

CONDIN : DIN CONNECTORS

DIN

- : CON DIN TM RTANG & VERTICAL 32-96 PIN, AB/AC/ABC ROWS
- : STANDARD ALPHA-NUMERIC PINOUTS
- : INVERSE (<_I>) ALPHA-NUMERIC PINOUT FORMS



PADSTACK : .034 HOLE / .055 PAD

MOUNT : .116 HOLE / .136 PAD

REVISION 7.00	CONDIN LIBRARY	
CONDIN.LIB		CONDIN-1

CONDINC.LIB

DIN C	=	DIN Circular
MIN, STD	=	Miniature or Standard style
S, T	=	Surface mount or Thru-hole mount
Number	=	Pin count

**Miniature
Surface Mount**

DINC/MINS : HELP
DINC/MINS/3
DINC/MINS/4
DINC/MINS/5
DINC/MINS/6
DINC/MINS/7
DINC/MINS/8

**Miniature
Thru-hole Mount**

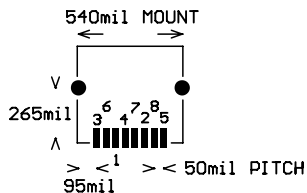
DINC/MINT : HELP
DINC/MINT/3
DINC/MINT/4
DINC/MINT/5
DINC/MINT/6
DINC/MINT/7
DINC/MINT/8

**Standard
Thru-hole Mount**

DINC/STDT : HELP
DINC/STDT/4
DINC/STDT/5
DINC/STDT/6
DINC/STDT/7
DINC/STDT/8

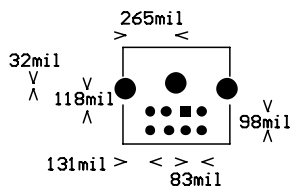
CONDINC : CIRCULAR DIN CONNECTORS

DINC/MINS : DIN CIRCULAR MINIATURE SM



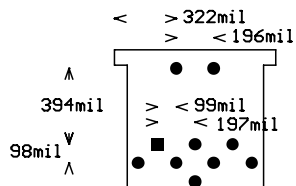
PADSTACK : .035 X .100
MOUNT : .060 HOLE / .081 PAD

DINC/MINT : DIN CIRCULAR MINIATURE TM



PADSTACK : .034 HOLE X .055 PAD
MOUNT : .091 HOLE / .112 PAD

DINC/STDT : DIN CIRCULAR STANDARD TM



PADSTACK : .046 HOLE X .067 PAD
MOUNT : .046 HOLE / .067 PAD

REVISION 7.00	CONDINC LIBRARY	
CONDINC.LIB		CONDINC-1

DSUB	=	D-Subminiature Connectors
B, S	=	Buttmount or Surface mount
Number	=	Right angle first row-to-edge or vertical width
RP, RS	=	Right angle plug or socket
Number	=	Pin count

**Buttmount
Rt. Angle
Plugs & Sockets**

DSUBB : HELP

DSUBB431RP9
DSUBB431RP15
DSUBB431RP25

DSUBB431RS9
DSUBB431RS15
DSUBB431RS25

**Surface Mount
Rt. Angle
Plugs & Sockets**

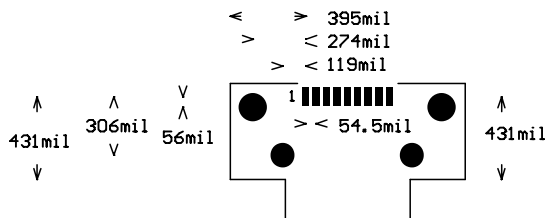
DSUBS : HELP

DSUBS445RP9
DSUBS445RP15
DSUBS445RP25

DSUBS445RS9
DSUBS445RS15
DSUBS445RS25

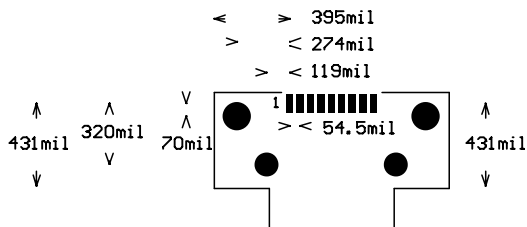
CONDSUBS : DSUB SM & BM CONNECTORS

```
DSUBB      : CON DSUB BM (BUTTMOUNT) RTANG
            : DSUB STANDARD SEQUENTIAL PINOUT
```



```
PADSTACK : .037 X .100
  MOUNT : .125 HOLE / .150 PAD
  MOUNT : .100 HOLE / .125 PAD
```

```
DSUBS      : CON DSUB SM RTANG
            : DSUB STANDARD SEQUENTIAL PINOUT
```



PADSTACK : .037 X .100
MOUNT : .125 HOLE / .150 PAD
MOUNT : .100 HOLE / .125 PAD

REVISION 7.00	DSUB BM & SM LIBRARY	
CONDSUBS.LIB		CONDSUBS-1

CONDSUBT.LIB

DSUB	=	D-Subminiature Connectors
T	=	Thru-hole mount
H	=	High density style
Number	=	Right angle first row-to-edge or vertical width
RP, RS, VP, VS	=	Right angle or Vertical Plug or Socket
Number	=	Pin count

Rt. Angle Standard

DSUBT318 : HELP
DSUBT318RP9
DSUBT318RP15
DSUBT318RP25
DSUBT318RP37
DSUBT318RS9
DSUBT318RS15
DSUBT318RS25
DSUBT318RS37

DSUBT454 : HELP
DSUBT454RP9
DSUBT454RP15
DSUBT454RP25
DSUBT454RP37
DSUBT454RS9
DSUBT454RS15
DSUBT454RS25
DSUBT454RS37

DSUBT455 : HELP
DSUBT455RP9
DSUBT455RP15
DSUBT455RP25
DSUBT455RP37
DSUBT455RS9
DSUBT455RS15
DSUBT455RS25
DSUBT455RS37

DSUBT478 : HELP
DSUBT478RP9
DSUBT478RP15
DSUBT478RP25
DSUBT478RP37
DSUBT478RS9
DSUBT478RS15
DSUBT478RS25
DSUBT478RS37

DSUBT545 : HELP
DSUBT545RP9
DSUBT545RP15
DSUBT545RP25
DSUBT545RP37
DSUBT545RP50
DSUBT545RS9
DSUBT545RS15
DSUBT545RS25
DSUBT545RS37
DSUBT545RS50

DSUBT546 : HELP
DSUBT546RP9
DSUBT546RP15
DSUBT546RP25
DSUBT546RP37
DSUBT546RP50
DSUBT546RS9
DSUBT546RS15
DSUBT546RS25
DSUBT546RS37
DSUBT546RS50

DSUBT590 : HELP
DSUBT590RP9
DSUBT590RP15
DSUBT590RP25
DSUBT590RP37
DSUBT590RS9
DSUBT590RS15
DSUBT590RS25
DSUBT590RS37

DSUBT591 : HELP
DSUBT591RP9
DSUBT591RP15
DSUBT591RP25
DSUBT591RP37
DSUBT591RS9
DSUBT591RS15
DSUBT591RS25
DSUBT591RS37

Vertical Standard

DSUBT525V : HELP
DSUBT525VP9
DSUBT525VP15
DSUBT525VP25
DSUBT525VP37
DSUBT525VS9
DSUBT525VS15
DSUBT525VS25
DSUBT525VS37

DSUBT625VP50
DSUBT625VS50

Rt. Angle High Density

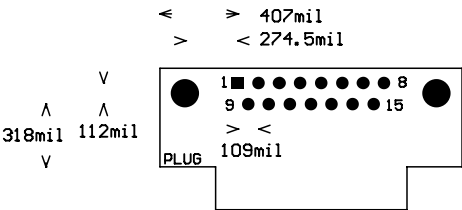
DSUBTH_R#
DSUBTH_RP15
DSUBTH_RP26
DSUBTH_RP44
DSUBTH_RP62
DSUBTH_RP78
DSUBTH_RP104
DSUBTH_RS15
DSUBTH_RS26
DSUBTH_RS44
DSUBTH_RS62
DSUBTH_RS78
DSUBTH_RS104

Vertical High Density

DSUBTH_V#
DSUBTH_VP15
DSUBTH_VP26
DSUBTH_VP44
DSUBTH_VP62
DSUBTH_VP78
DSUBTH_VP104
DSUBTH_VS15
DSUBTH_VS26
DSUBTH_VS44
DSUBTH_VS62
DSUBTH_VS78
DSUBTH_VS104

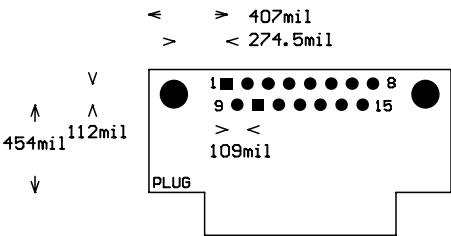
CONDSUBT : DSUB TM STD. & HD CONNECTORS

DSUBT318R : CON DSUB T .318 RTANG
: DSUB STANDARD PINOUT



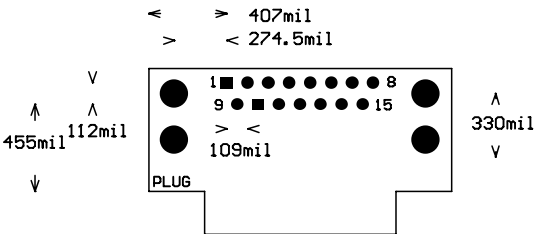
PADSTACK : .042 X .063
MOUNT : .120 HOLE / .150 PAD

DSUBT454R : CON DSUB T .454 RTANG
: DSUB STANDARD PINOUT



PADSTACK : .042 X .063
MOUNT : .120 HOLE / .150 PAD

DSUBT455R : CON DSUB T .455 RTANG
: DSUB STANDARD PINOUT

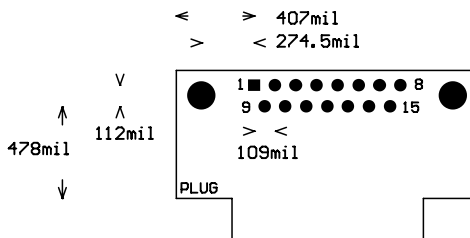


PADSTACK : .042 X .063
MOUNT : .120 HOLE / .150 PAD

REVISION 7.00	DSUB TM LIBRARY	
CONDSUBT.LIB		CONDSUBT-1

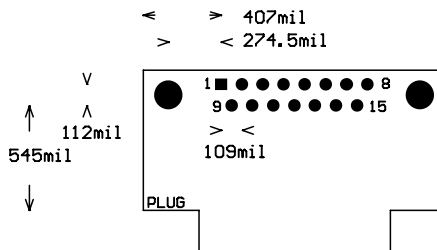
CONDSUBT : DSUB TM STD. & HD CONNECTORS

DSUBT478R : CON DSUB T .478 RTANG
: DSUB PLUG & SOCKET PINOUT



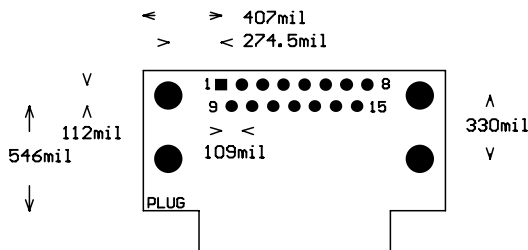
PADSTACK : .042 X .063
MOUNT : .120 HOLE / .150 PAD

DSUBT545R : CON DSUB T .545 RTANG
: DSUB PLUG & SOCKET PINOUT



PADSTACK : .042 X .063
MOUNT : .120 HOLE / .150 PAD

DSUBT546R : CON DSUB T .546 RTANG
: DSUB PLUG & SOCKET PINOUT

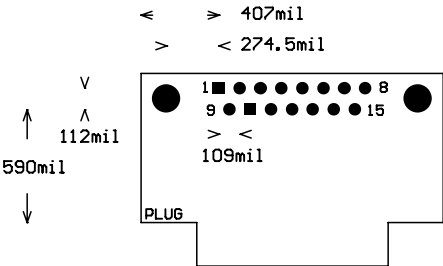


PADSTACK : .042 X .063
MOUNT : .120 HOLE / .150 PAD

REVISION 7.00	DSUB TM LIBRARY	
CONDSUBT.LIB		CONDSUBT-2

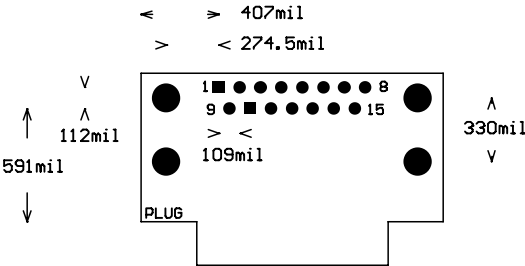
CONDSUBT : DSUB TM STD. & HD CONNECTORS

DSUBT590R : CON DSUB T .590 RTANG
: DSUB PLUG & SOCKET PINOUT



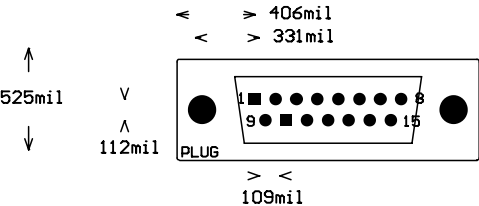
PADSTACK : .042 X .063
MOUNT : .120 HOLE / .150 PAD

DSUBT591R : CON DSUB T .591 RTANG
: DSUB PLUG & SOCKET PINOUT



PADSTACK : .042 X .063
MOUNT : .120 HOLE / .150 PAD

DSUBT525V : CON DSUB T .525 VERTICAL
: DSUB PLUG & SOCKET PINOUT

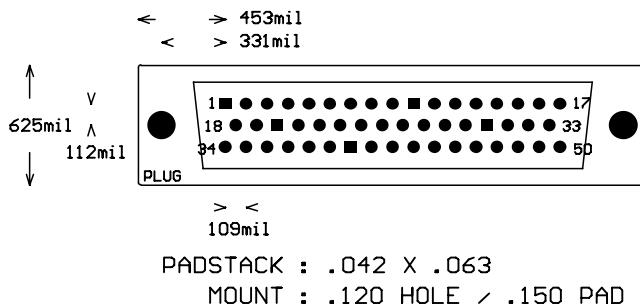


PADSTACK : .042 X .063
MOUNT : .120 HOLE / .150 PAD

REVISION 7.00	DSUB TM LIBRARY	
CONDSUBT.LIB		CONDSUBT-3

CONDSUBT : DSUB TM STD. & HD CONNECTORS

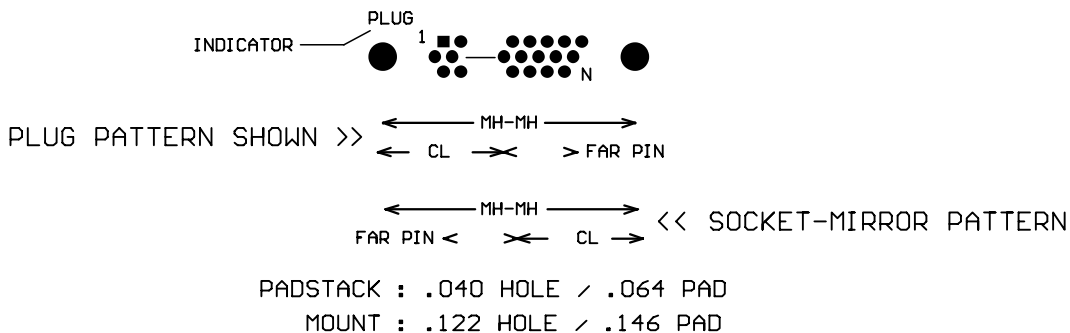
DSUBT625V : CON DSUB T .625 VERTICAL
: DSUB PLUG & SOCKET PINOUT



DSUBTH : DSUB HIGH DENSITY CONNECTORS

DSUB HD DIMENSIONS

PINS :	ROW	PITCH	MH-MH	CL	FAR-PIN
15-PIN :	.078	.090	0.984	0.492	0.190
26-PIN :	.078	.090	1.312	0.658	0.380
44-PIN :	.078	.090	1.852	0.926	0.655
62-PIN :	.078	.095	2.500	1.250	0.975
78-PIN :	.082	.095	2.406	1.203	0.903
104-PIN :	.082	.095	2.500	1.250	0.967



REVISION 7.01	DSUB TM LIBRARY	
CONDSUBT		CONDSUBT-4

FBUS	=	Futurebus 2mm
RS, VP	=	Right angle Socket or Vertical Plug
Number	=	Pin count

Rt. Angle Sockets

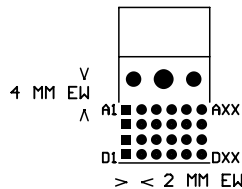
FBUS/RS : HELP
FBUS/RS24
FBUS/RS48
FBUS/RS72
FBUS/RS96
FBUS/RS120
FBUS/RS144
FBUS/RS168
FBUS/RS192
FBUS/RS216
FBUS/RS240
FBUS/RS264

Vertical Plugs

FBUS/VP : HELP
FBUS/VP24
FBUS/VP48
FBUS/VP72
FBUS/VP96
FBUS/VP120
FBUS/VP144
FBUS/VP168
FBUS/VP192
FBUS/VP216
FBUS/VP240
FBUS/VP264

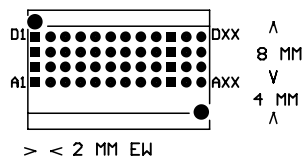
FUTUREBUS 2MM CONNECTORS

FBUS/RS : CON FUTUREBUS 2MM RTANG
: ALPHA-NUMERIC PINOUT



PADSTACK : .028 HOLE / .042 PAD
MOUNT : .060 HOLE / .082 PAD
MOUNT : .081 HOLE / .102 PAD

FBUS/VP : CON FUTUREBUS 2MM VERTICAL
: FUTUREBUS ALPHA-NUMERIC PINOUT



PADSTACK : .028 HOLE / .042 PAD
MOUNT : .060 HOLE / .082 PAD

REVISION 7.00	CON FBUS 2MM LIBRARY	
CONFBUS.LIB		CONFBUS-1

C	=	Connector
M05	=	0.5 mm pitch
S	=	Surface mount
B	=	Block style
Number	=	Gull wings or right angle body width
R, V	=	Right angle or Vertical
Number	=	Pin count

**Vertical .430 Gulls
OE Pinout**

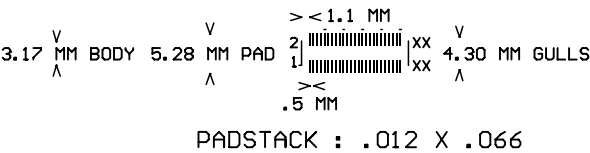
CM05SB430V : HELP
CM05SB430V2
CM05SB430V4
CM05SB430V6
CM05SB430V8
CM05SB430V10
CM05SB430V12
CM05SB430V14
CM05SB430V16
CM05SB430V18
CM05SB430V20
CM05SB430V22
CM05SB430V24
CM05SB430V26
CM05SB430V28
CM05SB430V30
CM05SB430V32
CM05SB430V34
CM05SB430V36
CM05SB430V38
CM05SB430V40
CM05SB430V42
CM05SB430V44
CM05SB430V46
CM05SB430V48
CM05SB430V50

**Vertical .430 Gulls
Inv () OE Pinout**

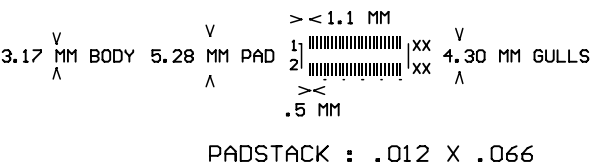
CM05SB43_V : HELP
CM05SB43_V2
CM05SB43_V4
CM05SB43_V6
CM05SB43_V8
CM05SB43_V10
CM05SB43_V12
CM05SB43_V14
CM05SB43_V16
CM05SB43_V18
CM05SB43_V20
CM05SB43_V22
CM05SB43_V24
CM05SB43_V26
CM05SB43_V28
CM05SB43_V30
CM05SB43_V32
CM05SB43_V34
CM05SB43_V36
CM05SB43_V38
CM05SB43_V40
CM05SB43_V42
CM05SB43_V44
CM05SB43_V46
CM05SB43_V48
CM05SB43_V50

CONM05SB : .5 MM SM BLOCK CONNECTORS

CM05SB430V : CON .5 MM SM BLK 4.30 MM GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



CM05SB43_U : CON .5 MM SM BLK 4.30 MM GULLS INV VERTICAL
: INVERSE (_) ODD-EVEN PINOUT



REVISION 7.00	CONM05SB LIBRARY	
CONM05SB.LIB		CONM05SB-1

C	=	Connector
M05	=	0.5 mm pitch
S	=	Surface mount
W	=	Walled / shrouded style
Number	=	Gull wings or right angle body width
R, V	=	Right angle or Vertical
Number	=	Pin count

**Vertical .450 Gulls
OE Pinout**

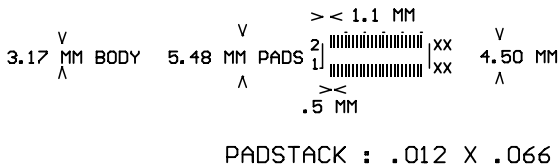
CM05SW450V : HELP
 CM05SW450V2
 CM05SW450V4
 CM05SW450V6
 CM05SW450V8
 CM05SW450V10
 CM05SW450V12
 CM05SW450V14
 CM05SW450V16
 CM05SW450V18
 CM05SW450V20
 CM05SW450V22
 CM05SW450V24
 CM05SW450V26
 CM05SW450V28
 CM05SW450V30
 CM05SW450V32
 CM05SW450V34
 CM05SW450V36
 CM05SW450V38
 CM05SW450V40
 CM05SW450V42
 CM05SW450V44
 CM05SW450V46
 CM05SW450V48
 CM05SW450V50

**Vertical .450 Gulls
Inv () OE Pinout**

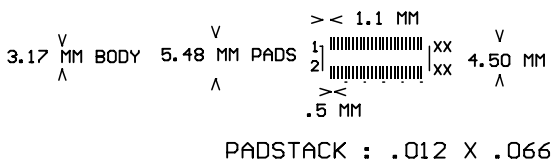
CM05SW45_V : HELP
 CM05SW45_V2
 CM05SW45_V4
 CM05SW45_V6
 CM05SW45_V8
 CM05SW45_V10
 CM05SW45_V12
 CM05SW45_V14
 CM05SW45_V16
 CM05SW45_V18
 CM05SW45_V20
 CM05SW45_V22
 CM05SW45_V24
 CM05SW45_V26
 CM05SW45_V28
 CM05SW45_V30
 CM05SW45_V32
 CM05SW45_V34
 CM05SW45_V36
 CM05SW45_V38
 CM05SW45_V40
 CM05SW45_V42
 CM05SW45_V44
 CM05SW45_V46
 CM05SW45_V48
 CM05SW45_V50

CONM05SW : .5 MM SM WALLED CONNECTORS

CM05SW450V : CON .5 MM SM WALLED 4.50 MM GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



CM05SW45_U : CON .5 MM SM WALLED 4.50 MM GULLS INV VERT
: INVERSE (_) ODD-EVEN PINOUT



REVISION 7.00	CONM05SW LIBRARY	
CONM05SW.LIB		CONM05SW-1

C	=	Connector
M08	=	0.8 mm pitch
S	=	Surface mount
B	=	Block style
Number	=	Gull wings or right angle body width
R, V	=	Right angle or Vertical
Number	=	Pin count

**Vertical 4.60 Gulls
OE Pinout**

CM08SB460V : HELP
 CM08SB460V00
 CM08SB460V2
 CM08SB460V4
 CM08SB460V6
 CM08SB460V8
 CM08SB460V10
 CM08SB460V12
 CM08SB460V14
 CM08SB460V16
 CM08SB460V18
 CM08SB460V20
 CM08SB460V22
 CM08SB460V24
 CM08SB460V26
 CM08SB460V28
 CM08SB460V30
 CM08SB460V32
 CM08SB460V34
 CM08SB460V36
 CM08SB460V38
 CM08SB460V40
 CM08SB460V42
 CM08SB460V44
 CM08SB460V46
 CM08SB460V48
 CM08SB460V50
 CM08SB460V52
 CM08SB460V54
 CM08SB460V56
 CM08SB460V58
 CM08SB460V60
 CM08SB460V62
 CM08SB460V64
 CM08SB460V66
 CM08SB460V68

CM08SB460V70
 CM08SB460V72
 CM08SB460V74
 CM08SB460V76
 CM08SB460V78
 CM08SB460V80
 CM08SB460V82
 CM08SB460V84
 CM08SB460V86
 CM08SB460V88
 CM08SB460V90
 CM08SB460V92
 CM08SB460V94
 CM08SB460V96
 CM08SB460V98

**Vertical 4.60 Gulls
Inv () OE Pinout**

CM08SB46_V : HELP
 CM08SB46_V00
 CM08SB46_V2
 CM08SB46_V4
 CM08SB46_V6
 CM08SB46_V8
 CM08SB46_V10
 CM08SB46_V12
 CM08SB46_V14
 CM08SB46_V16
 CM08SB46_V18
 CM08SB46_V20
 CM08SB46_V22
 CM08SB46_V24
 CM08SB46_V26
 CM08SB46_V28
 CM08SB46_V30
 CM08SB46_V32
 CM08SB46_V34
 CM08SB46_V36
 CM08SB46_V38
 CM08SB46_V40
 CM08SB46_V42
 CM08SB46_V44
 CM08SB46_V46
 CM08SB46_V48
 CM08SB46_V50
 CM08SB46_V52
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 CM08SB46_V56
 CM08SB46_V58
 CM08SB46_V60
 CM08SB46_V62
 CM08SB46_V64
 CM08SB46_V66
 CM08SB46_V68

CM08SB46_V70
 CM08SB46_V72
 CM08SB46_V74
 CM08SB46_V76
 CM08SB46_V78
 CM08SB46_V80
 CM08SB46_V82
 CM08SB46_V84
 CM08SB46_V86
 CM08SB46_V88
 CM08SB46_V90
 CM08SB46_V92
 CM08SB46_V94
 CM08SB46_V96
 CM08SB46_V98

**Vertical 5.60 Gulls
OE Pinout**

CM08SB560V : HELP
CM08SB560V4
CM08SB560V6
CM08SB560V8
CM08SB560V10
CM08SB560V12
CM08SB560V14
CM08SB560V16
CM08SB560V18
CM08SB560V20

**Vertical 5.60 Gulls
Inv () OE Pinout**

CM08SB56_V : HELP
CM08SB56_V4
CM08SB56_V6
CM08SB56_V8
CM08SB56_V10
CM08SB56_V12
CM08SB56_V14
CM08SB56_V16
CM08SB56_V18
CM08SB56_V20

**Vertical 6.40 Gulls
OE Pinout**

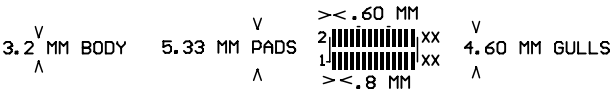
CM08SB640V : HELP
CM08SB640V4
CM08SB640V6
CM08SB640V8
CM08SB640V10
CM08SB640V12
CM08SB640V14
CM08SB640V16
CM08SB640V18
CM08SB640V20

**Vertical 6.40 Gulls
Inv () OE Pinout**

CM08SB64_V : HELP
CM08SB64_V4
CM08SB64_V6
CM08SB64_V8
CM08SB64_V10
CM08SB64_V12
CM08SB64_V14
CM08SB64_V16
CM08SB64_V18
CM08SB64_V20

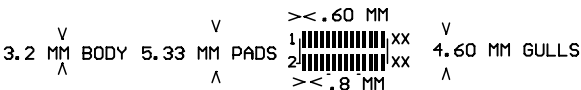
CONM08SB : .8 MM SM BLOCK CONNECTORS

CM08SB460V : CON .8 MM SM BLOCK 4.60 MM GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



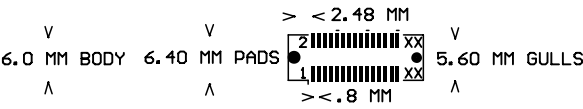
PADSTACK : .020 X .090

CM08SB46_U : CON .8 MM SM BLOCK 4.60 MM GULLS INV VERT
: INVERSE (_) ODD-EVEN PINOUT



PADSTACK : .020 X .090

CM08SB560V : CON .8 MM SM BLOCK 5.60 MM GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



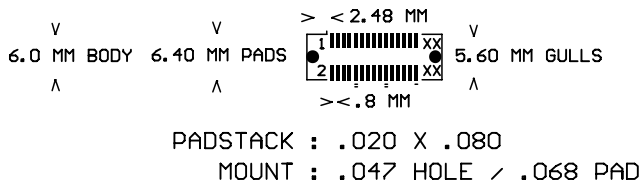
PADSTACK : .020 X .080

MOUNT : .047 HOLE / .068 PAD

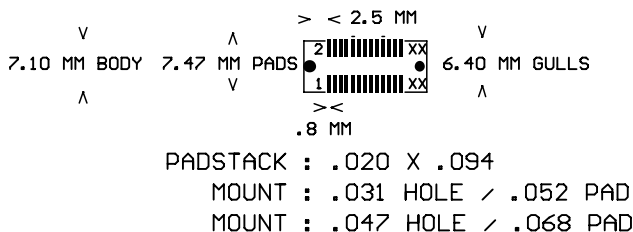
REVISION 7.00	CONM08SB LIBRARY	
CONM08SB.LIB		CONM08SB-1

CONM08SB : .8 MM SM BLOCK CONNECTORS

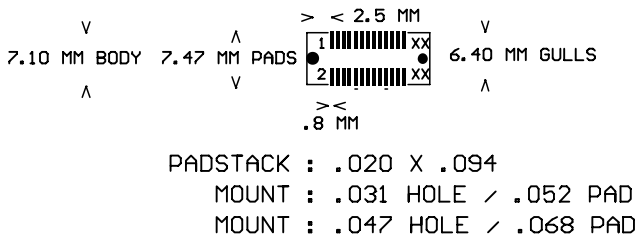
CM08SB56_V : CON .8 MM SM BLOCK 5.60 MM GULLS INV VERT
: INVERSE (<_>) ODD-EVEN PINOUT



CM08SB640V : CON .8 MM SM BLOCK 6.40 MM GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



CM08SB64_V : CON .8 MM SM BLOCK 6.40 MM GULLS INV VERT
: INVERSE (<_>) ODD-EVEN PINOUT



REVISION 7.00	CONM08SB LIBRARY	
CONM08SB.LIB		CONM08SB-2

C	=	Connector
M08	=	0.8 mm pitch
S	=	Surface mount
W	=	Walled / shrouded style
Number	=	Gulls or right angle body width
R, V	=	Right angle or Vertical
Number	=	Pin count

**Vertical 4.30 Gulls
OE Pinout**

CM08SW430V : HELP
 CM08SW430V2
 CM08SW430V4
 CM08SW430V6
 CM08SW430V8
 CM08SW430V10
 CM08SW430V12
 CM08SW430V14
 CM08SW430V16
 CM08SW430V18
 CM08SW430V20
 CM08SW430V22
 CM08SW430V24
 CM08SW430V26
 CM08SW430V28
 CM08SW430V30
 CM08SW430V32
 CM08SW430V34
 CM08SW430V36
 CM08SW430V38
 CM08SW430V40
 CM08SW430V42
 CM08SW430V44
 CM08SW430V46
 CM08SW430V48
 CM08SW430V50

**Vertical 4.30 Gulls
Inv (┘) OE Pinout**

CM08SW43_V : HELP
 CM08SW43_V2
 CM08SW43_V4
 CM08SW43_V6
 CM08SW43_V8
 CM08SW43_V10
 CM08SW43_V12
 CM08SW43_V14
 CM08SW43_V16
 CM08SW43_V18
 CM08SW43_V20
 CM08SW43_V22
 CM08SW43_V24
 CM08SW43_V26
 CM08SW43_V28
 CM08SW43_V30
 CM08SW43_V32
 CM08SW43_V34
 CM08SW43_V36
 CM08SW43_V38
 CM08SW43_V40
 CM08SW43_V42
 CM08SW43_V44
 CM08SW43_V46
 CM08SW43_V48
 CM08SW43_V50

**Vertical 4.50 Gulls
OE Pinout**

CM08SW450V : HELP
 CM08SW450V2
 CM08SW450V4
 CM08SW450V6
 CM08SW450V8
 CM08SW450V10
 CM08SW450V12
 CM08SW450V14
 CM08SW450V16
 CM08SW450V18
 CM08SW450V20
 CM08SW450V22
 CM08SW450V24
 CM08SW450V26
 CM08SW450V28
 CM08SW450V30
 CM08SW450V32
 CM08SW450V34
 CM08SW450V36
 CM08SW450V38
 CM08SW450V40
 CM08SW450V42
 CM08SW450V44
 CM08SW450V46
 CM08SW450V48
 CM08SW450V50

**Vertical 4.50 Gulls
Inv (┘) OE Pinout**

CM08SW45_V : HELP
 CM08SW45_V2
 CM08SW45_V4
 CM08SW45_V6
 CM08SW45_V8
 CM08SW45_V10
 CM08SW45_V12
 CM08SW45_V14
 CM08SW45_V16
 CM08SW45_V18
 CM08SW45_V20
 CM08SW45_V22
 CM08SW45_V24
 CM08SW45_V26
 CM08SW45_V28
 CM08SW45_V30
 CM08SW45_V32
 CM08SW45_V34
 CM08SW45_V36
 CM08SW45_V38
 CM08SW45_V40
 CM08SW45_V42
 CM08SW45_V44
 CM08SW45_V46
 CM08SW45_V48
 CM08SW45_V50

**Vertical 5.20 Gulls
OE Pinout**

CM08SW520V : HELP
 CM08SW520V2
 CM08SW520V4
 CM08SW520V6
 CM08SW520V8
 CM08SW520V10
 CM08SW520V12
 CM08SW520V14
 CM08SW520V16
 CM08SW520V18
 CM08SW520V20
 CM08SW520V22
 CM08SW520V24
 CM08SW520V26
 CM08SW520V28
 CM08SW520V30
 CM08SW520V32
 CM08SW520V34
 CM08SW520V36
 CM08SW520V38
 CM08SW520V40
 CM08SW520V42
 CM08SW520V44
 CM08SW520V46
 CM08SW520V48
 CM08SW520V50

**Vertical 5.20 Gulls
Inv () OE Pinout**

CM08SW52_V
 CM08SW52_V2
 CM08SW52_V4
 CM08SW52_V6
 CM08SW52_V8
 CM08SW52_V10
 CM08SW52_V12
 CM08SW52_V14
 CM08SW52_V16
 CM08SW52_V18
 CM08SW52_V20
 CM08SW52_V22
 CM08SW52_V24
 CM08SW52_V26
 CM08SW52_V28
 CM08SW52_V30
 CM08SW52_V32
 CM08SW52_V34
 CM08SW52_V36
 CM08SW52_V38
 CM08SW52_V40
 CM08SW52_V42
 CM08SW52_V44
 CM08SW52_V46
 CM08SW52_V48
 CM08SW52_V50

**Vertical 5.60 Gulls
OE Pinout**

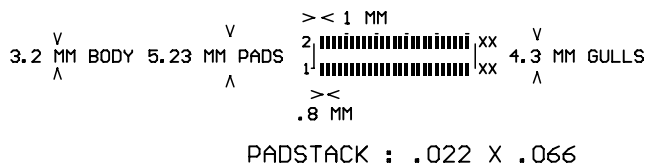
CM08SW560V : HELP
 CM08SW560V10
 CM08SW560V12
 CM08SW560V14
 CM08SW560V16
 CM08SW560V18
 CM08SW560V20
 CM08SW560V40
 CM08SW560V60
 CM08SW560V80

**Vertical 5.60 Gulls
Inv () OE Pinout**

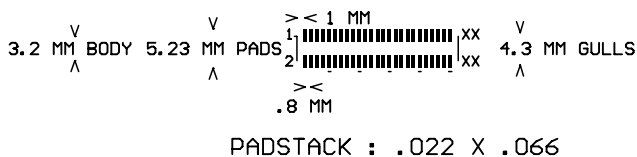
CM08SW56_V : HELP
 CM08SW56_V10
 CM08SW56_V12
 CM08SW56_V14
 CM08SW56_V16
 CM08SW56_V18
 CM08SW56_V20
 CM08SW56_V40
 CM08SW56_V60
 CM08SW56_V80

CONM08SW : .8 MM SM WALLED CONNECTORS

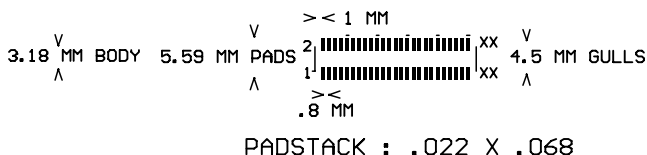
CM08SW430V : CON .8 MM SM WALLED 4.30 MM GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



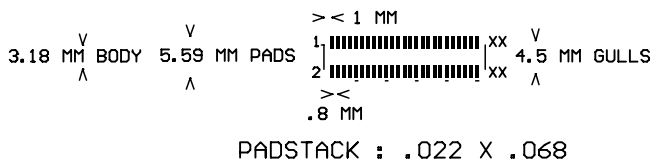
CM08SW43_V : CON .8 MM SM WALLED 4.30 MM GULLS INV VERT
: INVERSE () ODD-EVEN PINOUT



CM08SW450V : CON .8 MM SM WALLED 4.50 MM GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



CM08SW45_V : CON .8 MM SM WALLED 4.50 MM GULLS INV VERT
: INVERSE () ODD-EVEN PINOUT



REVISION 7.00	CONM08SW LIBRARY	
CONM08SW.LIB		CONM08SW-1

CONM08SW : .8 MM SM WALLED CONNECTORS

CM08SW520V : CON .8 MM SM WALLED 5.20 MM GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



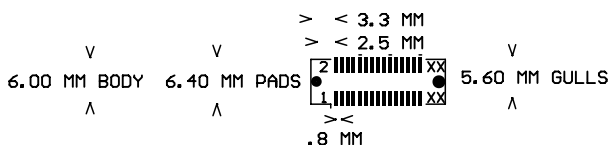
PADSTACK : .022 X .066

CM08SW52_V : CON .8 MM SM WALLED 5.20 MM GULLS INV VERT
: INVERSE () ODD-EVEN PINOUT



PADSTACK : .022 X .066

CM08SW560V : CON .8 MM SM WALLED 5.60 MM GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT

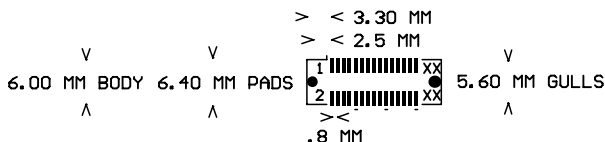


PADSTACK : .020 X .080

MOUNT : .031 HOLE / .052 PAD

MOUNT : .047 HOLE / .068 PAD

CM08SW56_V : CON .8 MM SM WALLED 5.60 MM GULLS INV VERT
: INVERSE () ODD-EVEN PINOUT



PADSTACK : .020 X .080

MOUNT : .031 HOLE / .052 PAD

MOUNT : .047 HOLE / .068 PAD

REVISION 7.00	CONM08SW LIBRARY	
CONM08SW.LIB		CONM08SW-2

C	=	Connector
M10	=	1.0 mm pitch
S	=	Surface mount
B	=	Block style
Number	=	Gull wings or right angle body width
R, V	=	Right angle or Vertical
Number	=	Pin count

**Vertical 3.80 Gulls
OE Pinout**

CM10SB380V : HELP
 CM10SB380V2
 CM10SB380V4
 CM10SB380V6
 CM10SB380V8
 CM10SB380V10
 CM10SB380V12
 CM10SB380V14
 CM10SB380V16
 CM10SB380V18
 CM10SB380V20
 CM10SB380V22
 CM10SB380V24
 CM10SB380V26
 CM10SB380V28
 CM10SB380V30
 CM10SB380V32
 CM10SB380V34
 CM10SB380V36
 CM10SB380V38
 CM10SB380V40
 CM10SB380V42
 CM10SB380V44
 CM10SB380V46
 CM10SB380V48
 CM10SB380V50

**Vertical 3.80 Gulls
Inv (┘) OE Pinout**

CM10SB38_V : HELP
 CM10SB38_V2
 CM10SB38_V4
 CM10SB38_V6
 CM10SB38_V8
 CM10SB38_V10
 CM10SB38_V12
 CM10SB38_V14
 CM10SB38_V16
 CM10SB38_V18
 CM10SB38_V20
 CM10SB38_V22
 CM10SB38_V24
 CM10SB38_V26
 CM10SB38_V28
 CM10SB38_V30
 CM10SB38_V32
 CM10SB38_V34
 CM10SB38_V36
 CM10SB38_V38
 CM10SB38_V40
 CM10SB38_V42
 CM10SB38_V44
 CM10SB38_V46
 CM10SB38_V48
 CM10SB38_V50

**Vertical 5.20 Gulls
OE Pinout**

CM10SB520V : HELP
 CM10SB520V2
 CM10SB520V4
 CM10SB520V6
 CM10SB520V8
 CM10SB520V10
 CM10SB520V12
 CM10SB520V14
 CM10SB520V16
 CM10SB520V18
 CM10SB520V20
 CM10SB520V22
 CM10SB520V24
 CM10SB520V26
 CM10SB520V28
 CM10SB520V30
 CM10SB520V32
 CM10SB520V34
 CM10SB520V36
 CM10SB520V38
 CM10SB520V40
 CM10SB520V42
 CM10SB520V44
 CM10SB520V46
 CM10SB520V48
 CM10SB520V50

**Vertical 5.20 Gulls
Inv (┘) OE Pinout**

CM10SB52_V : HELP
 CM10SB52_V2
 CM10SB52_V4
 CM10SB52_V6
 CM10SB52_V8
 CM10SB52_V10
 CM10SB52_V12
 CM10SB52_V14
 CM10SB52_V16
 CM10SB52_V18
 CM10SB52_V20
 CM10SB52_V22
 CM10SB52_V24
 CM10SB52_V26
 CM10SB52_V28
 CM10SB52_V30
 CM10SB52_V32
 CM10SB52_V34
 CM10SB52_V36
 CM10SB52_V38
 CM10SB52_V40
 CM10SB52_V42
 CM10SB52_V44
 CM10SB52_V46
 CM10SB52_V48
 CM10SB52_V50

Vertical 6.04 Gulls
OE Pinout

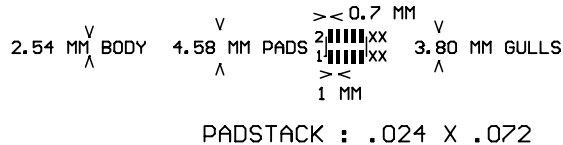
CM10SB604V : HELP
CM10SB604V20
CM10SB604V30
CM10SB604V40
CM10SB604V50
CM10SB604V60
CM10SB604V70

Vertical 6.04 Gulls
Inv () OE Pinout

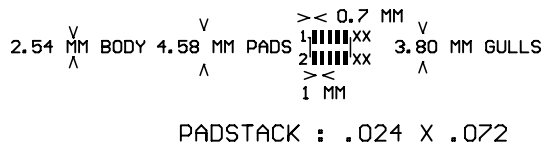
CM10SB60_V : HELP
CM10SB60_V20
CM10SB60_V30
CM10SB60_V40
CM10SB60_V50
CM10SB60_V60
CM10SB60_V70

CONM10SB : 1 MM SM BLOCK CONNECTORS

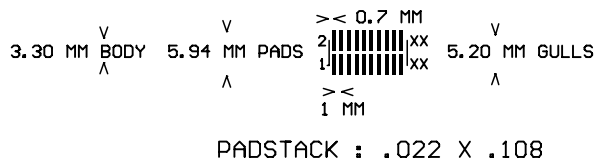
CM10SB380V : CON 1.0 MM SM BLOCK 3.80 MM GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



```
CM10SB38_U : CON 1.0 MM SM BLOCK 3.80 MM GULLS INV VERT
             : INVERSE ( ) ODD-EVEN PINOUT
```



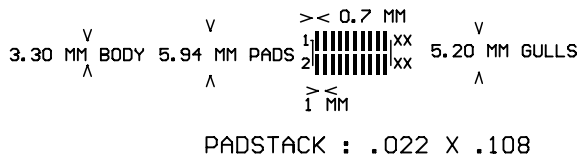
CM10SB520V : CON 1.0 MM SM BLOCK 5.20 MM GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



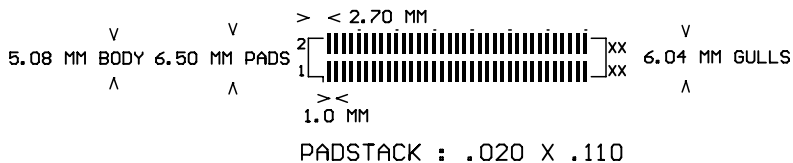
REVISION 7.00	CONM10SB LIBRARY	
CONM10SB.LIB		CONM10SB-1

CONM10SB : 1 MM SM BLOCK CONNECTORS

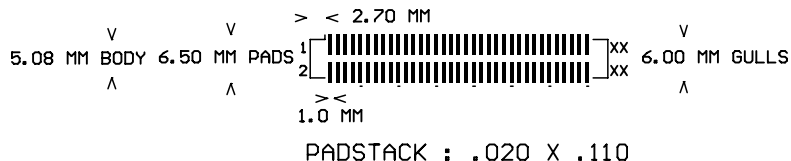
CM10SB52_V : CON 1.0 MM SM BLOCK 5.20 MM GULLS INV VERT
: INVERSE (_) ODD-EVEN PINOUT



CM10SB604V : CON 1.0 MM SM BLOCK 6.04 MM GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



CM10SB60_V : CON 1.0 MM SM BLOCK 6.04 MM GULLS INV VERT
: INVERSE (_) ODD-EVEN PINOUT



REVISION 7.00	CONM10SB LIBRARY	
CONM10SB		CONM10SB-2

C	=	Connector
M10	=	1.0 mm pitch
S	=	Surface mount
W	=	Walled / shrouded style
Number	=	Gull wings or right angle body width
R, V	=	Right angle or Vertical
Number	=	Pin count

**Vertical 5.20 Gulls
OE Pinout**

CM10SW520V : HELP
 CM10SW520V2
 CM10SW520V4
 CM10SW520V6
 CM10SW520V8
 CM10SW520V10
 CM10SW520V12
 CM10SW520V14
 CM10SW520V16
 CM10SW520V18
 CM10SW520V20
 CM10SW520V22
 CM10SW520V24
 CM10SW520V26
 CM10SW520V28
 CM10SW520V30
 CM10SW520V32
 CM10SW520V34
 CM10SW520V36
 CM10SW520V38
 CM10SW520V40
 CM10SW520V42
 CM10SW520V44
 CM10SW520V46
 CM10SW520V48
 CM10SW520V50

**Vertical 5.20 Gulls
Inv (┘) OE Pinout**

CM10SW52_V : HELP
 CM10SW52_V2
 CM10SW52_V4
 CM10SW52_V6
 CM10SW52_V8
 CM10SW52_V10
 CM10SW52_V12
 CM10SW52_V14
 CM10SW52_V16
 CM10SW52_V18
 CM10SW52_V20
 CM10SW52_V22
 CM10SW52_V24
 CM10SW52_V26
 CM10SW52_V28
 CM10SW52_V30
 CM10SW52_V32
 CM10SW52_V34
 CM10SW52_V36
 CM10SW52_V38
 CM10SW52_V40
 CM10SW52_V42
 CM10SW52_V44
 CM10SW52_V46
 CM10SW52_V48
 CM10SW52_V50

**Vertical 6.04 Gulls
OE Pinout**

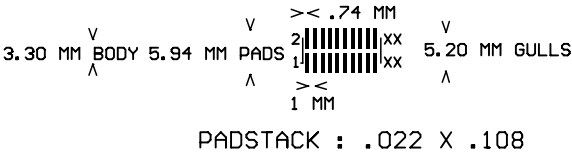
CM10SW604V : HELP
 CM10SW604V20
 CM10SW604V30
 CM10SW604V40
 CM10SW604V50
 CM10SW604V60
 CM10SW604V70

**Vertical 6.04 Gulls
Inv (┘) OE Pinout**

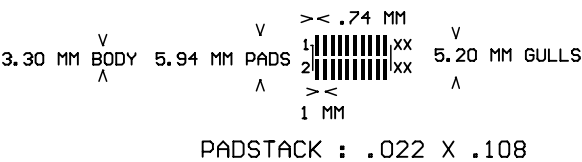
CM10SW60_V : HELP
 CM10SW60_V20
 CM10SW60_V30
 CM10SW60_V40
 CM10SW60_V50
 CM10SW60_V60
 CM10SW60_V70

CONM10SW : 1 MM SM WALLED CONNECTORS

CM10SW520V : CON 1.0 MM SM WALLED 5.20 MM GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



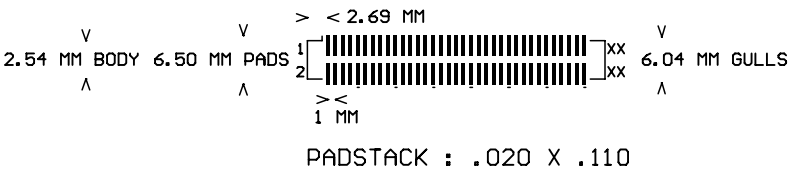
CM10SW52_U : CON 1.0 MM SM WALLED 5.20 MM GULLS INV VERT
: INVERSE (<_>) ODD-EVEN PINOUT



CM10SW604V : CON 1.0 MM SM WALLED 6.04 MM GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



CM10SW60_U : CON 1.0 MM SM WALLED 6.04 MM GULLS INV VERT
: INVERSE (<_>) ODD-EVEN PINOUT



REVISION 7.00	CONM10SW LIBRARY	
CONM10SW.LIB		CONM10SW-1

C	=	Connector
M20	=	2.0 mm pitch
S	=	Surface mount
B	=	Block style
Number	=	Gull wings or right angle body width
R, V	=	Right angle or Vertical
Number	=	Pin count

**Rt. Angle 9.25 Wide
Single-in-line**

CM20SB925R37
 CM20SB925R38
 CM20SB925R39
 CM20SB925R40
 CM20SB925R41
 CM20SB925R42
 CM20SB925R43
 CM20SB925R44
 CM20SB925R45
 CM20SB925R46
 CM20SB925R47
 CM20SB925R48
 CM20SB925R49
 CM20SB925R50

**Rt. Angle 11.3 Wide
OE Pinout**

CM20SB113R : HELP
 CM20SB113R00
 CM20SB113R4
 CM20SB113R6
 CM20SB113R8
 CM20SB113R10
 CM20SB113R12
 CM20SB113R14
 CM20SB113R16
 CM20SB113R18
 CM20SB113R20
 CM20SB113R22
 CM20SB113R24
 CM20SB113R26
 CM20SB113R28
 CM20SB113R30
 CM20SB113R32
 CM20SB113R34
 CM20SB113R36
 CM20SB113R38
 CM20SB113R40
 CM20SB113R42
 CM20SB113R44
 CM20SB113R46
 CM20SB113R48
 CM20SB113R50
 CM20SB113R52
 CM20SB113R54
 CM20SB113R56
 CM20SB113R58
 CM20SB113R60
 CM20SB113R62
 CM20SB113R64
 CM20SB113R70
 CM20SB113R80
 CM20SB113R90

**Rt. Angle 11.3 Wide
Inv (⌋) OE Pinout**

CM20SB11_R : HELP
 CM20SB11_R00
 CM20SB11_R4
 CM20SB11_R6
 CM20SB11_R8
 CM20SB11_R10
 CM20SB11_R12
 CM20SB11_R14
 CM20SB11_R16
 CM20SB11_R18
 CM20SB11_R20
 CM20SB11_R22
 CM20SB11_R24
 CM20SB11_R26
 CM20SB11_R28
 CM20SB11_R30
 CM20SB11_R32
 CM20SB11_R34
 CM20SB11_R36
 CM20SB11_R38
 CM20SB11_R40
 CM20SB11_R42
 CM20SB11_R44
 CM20SB11_R46
 CM20SB11_R48
 CM20SB11_R50
 CM20SB11_R52
 CM20SB11_R54
 CM20SB11_R56
 CM20SB11_R58
 CM20SB11_R60
 CM20SB11_R62
 CM20SB11_R64
 CM20SB11_R70
 CM20SB11_R80
 CM20SB11_R90

CM20SB925R : HELP
 CM20SB925R2
 CM20SB925R3
 CM20SB925R4
 CM20SB925R5
 CM20SB925R6
 CM20SB925R7
 CM20SB925R8
 CM20SB925R9
 CM20SB925R10
 CM20SB925R11
 CM20SB925R12
 CM20SB925R13
 CM20SB925R14
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 CM20SB925R18
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 CM20SB925R21
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 CM20SB925R24
 CM20SB925R25
 CM20SB925R26
 CM20SB925R27
 CM20SB925R28
 CM20SB925R29
 CM20SB925R30
 CM20SB925R31
 CM20SB925R32
 CM20SB925R33
 CM20SB925R34
 CM20SB925R35
 CM20SB925R36

**Vertical 4.50 Gulls
Single-in-line**

CM20SB450V : HELP
 CM20SB450V1
 CM20SB450V2
 CM20SB450V3
 CM20SB450V4
 CM20SB450V5
 CM20SB450V6
 CM20SB450V7
 CM20SB450V8
 CM20SB450V9
 CM20SB450V10
 CM20SB450V11
 CM20SB450V12
 CM20SB450V13
 CM20SB450V14
 CM20SB450V15
 CM20SB450V16
 CM20SB450V17
 CM20SB450V18
 CM20SB450V19
 CM20SB450V20
 CM20SB450V21
 CM20SB450V22
 CM20SB450V23
 CM20SB450V24
 CM20SB450V25
 CM20SB450V26
 CM20SB450V27
 CM20SB450V28
 CM20SB450V29
 CM20SB450V30
 CM20SB450V31
 CM20SB450V32
 CM20SB450V33
 CM20SB450V34
 CM20SB450V35
 CM20SB450V36
 CM20SB450V37
 CM20SB450V38
 CM20SB450V39
 CM20SB450V40
 CM20SB450V41
 CM20SB450V42
 CM20SB450V43
 CM20SB450V44
 CM20SB450V45
 CM20SB450V46
 CM20SB450V47
 CM20SB450V48
 CM20SB450V49
 CM20SB450V50

**Vertical 6.50 Gulls
OE Pinout**

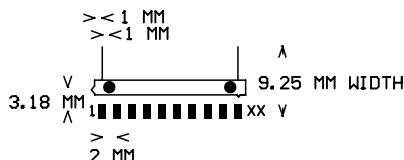
CM20SB650V : HELP
 CM20SB650V00
 CM20SB650V2
 CM20SB650V4
 CM20SB650V6
 CM20SB650V8
 CM20SB650V10
 CM20SB650V12
 CM20SB650V14
 CM20SB650V16
 CM20SB650V18
 CM20SB650V20
 CM20SB650V22
 CM20SB650V24
 CM20SB650V26
 CM20SB650V28
 CM20SB650V30
 CM20SB650V32
 CM20SB650V34
 CM20SB650V36
 CM20SB650V38
 CM20SB650V40
 CM20SB650V42
 CM20SB650V44
 CM20SB650V46
 CM20SB650V48
 CM20SB650V50
 CM20SB650V52
 CM20SB650V54
 CM20SB650V56
 CM20SB650V58
 CM20SB650V60
 CM20SB650V62
 CM20SB650V64
 CM20SB650V70
 CM20SB650V80
 CM20SB650V90

**Vertical 6.50 Gulls
Inv () OE Pinout**

CM20SB65_V : HELP
 CM20SB65_V00
 CM20SB65_V2
 CM20SB65_V4
 CM20SB65_V6
 CM20SB65_V8
 CM20SB65_V10
 CM20SB65_V12
 CM20SB65_V14
 CM20SB65_V16
 CM20SB65_V18
 CM20SB65_V20
 CM20SB65_V22
 CM20SB65_V24
 CM20SB65_V26
 CM20SB65_V28
 CM20SB65_V30
 CM20SB65_V32
 CM20SB65_V34
 CM20SB65_V36
 CM20SB65_V38
 CM20SB65_V40
 CM20SB65_V42
 CM20SB65_V44
 CM20SB65_V46
 CM20SB65_V48
 CM20SB65_V50
 CM20SB65_V52
 CM20SB65_V54
 CM20SB65_V56
 CM20SB65_V58
 CM20SB65_V60
 CM20SB65_V62
 CM20SB65_V64
 CM20SB65_V70
 CM20SB65_V80
 CM20SB65_V90

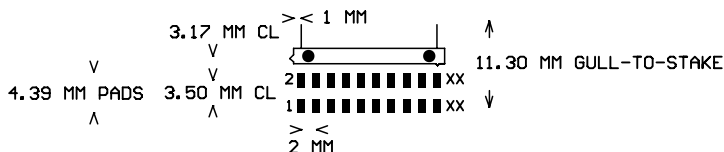
CONM20SB : 2 MM SM BLOCK CONNECTORS

CM20SB925R : CON 2 MM SM BLOCK 9.25 MM WIDE RTANG
: STANDARD SEQUENTIAL PINOUT



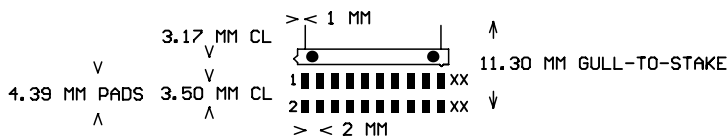
PADSTACK : .040 X .080
MOUNT : .047 HOLE / .062 PAD

CM20SB113R : CON 2.0 MM SM BLOCK 11.30 MM WIDE RTANG
: STANDARD ODD-EVEN PINOUT



PADSTACK : .040 X .070
PADSTACK : .040 X .080
MOUNT : .047 HOLE / .062 PAD

CM20SB11_R : CON 2.0 MM SM BLOCK 11.30 MM WIDE INV RTANG
: INVERSE () ODD-EVEN PINOUT

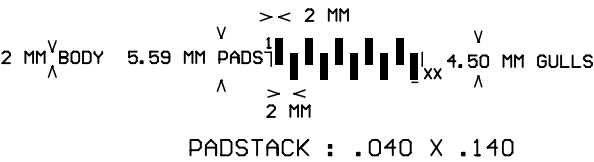


PADSTACK : .040 X .070
PADSTACK : .040 X .080
MOUNT : .047 HOLE / .062 PAD

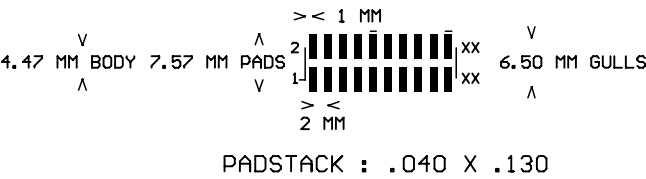
REVISION 7.00	CONM20SB LIBRARY	
CONM20SB.LIB		CONM20SB-1

CONM20SB : 2 MM SM BLOCK CONNECTORS

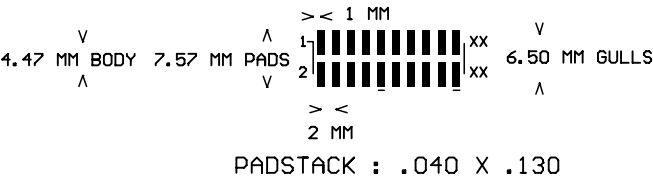
CM20SB450V : CON 2.0 MM SM BLOCK 4.50 MM GULLS VERTICAL
: STANDARD SEQUENTIAL PINOUT



CM20SB650V : CON 2.0 MM SM BLOCK 6.50 MM WIDE RTANG
: STANDARD ODD-EVEN PINOUT



CM20SB65_V : CON 2.0 MM SM BLOCK 6.50 MM WIDE INV RTANG
: INVERSE (_) ODD-EVEN PINOUT



REVISION 7.00	CONM20SB LIBRARY	
CONM20SB.LIB		CONM20SB-2

C	=	Connector
M20	=	2.0 mm pitch
S	=	Surface mount
L	=	Latching style
Number	=	Gull wings or right angle body width
R, V	=	Right angle or Vertical
Number	=	Pin count

**Vertical 8.89 Gulls
OE Pinout**

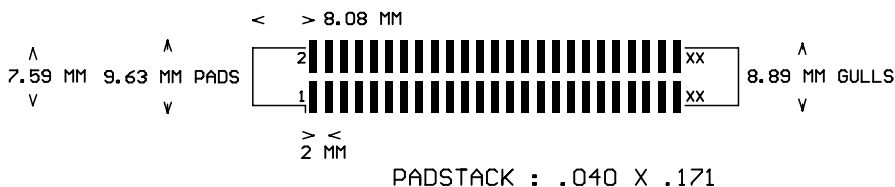
CM20SL889V : HELP
 CM20SL889V4
 CM20SL889V6
 CM20SL889V8
 CM20SL889V10
 CM20SL889V12
 CM20SL889V14
 CM20SL889V16
 CM20SL889V18
 CM20SL889V20
 CM20SL889V22
 CM20SL889V24
 CM20SL889V26
 CM20SL889V28
 CM20SL889V30
 CM20SL889V32
 CM20SL889V34
 CM20SL889V36
 CM20SL889V38
 CM20SL889V40
 CM20SL889V42
 CM20SL889V44
 CM20SL889V46
 CM20SL889V48
 CM20SL889V50

**Vertical 8.89 Gulls
Inv (┐) OE Pinout**

CM20SL88_V : HELP
 CM20SL88_V4
 CM20SL88_V6
 CM20SL88_V8
 CM20SL88_V10
 CM20SL88_V12
 CM20SL88_V14
 CM20SL88_V16
 CM20SL88_V18
 CM20SL88_V20
 CM20SL88_V22
 CM20SL88_V24
 CM20SL88_V26
 CM20SL88_V28
 CM20SL88_V30
 CM20SL88_V32
 CM20SL88_V34
 CM20SL88_V36
 CM20SL88_V38
 CM20SL88_V40
 CM20SL88_V42
 CM20SL88_V44
 CM20SL88_V46
 CM20SL88_V48
 CM20SL88_V50

CONM20SL : 2 MM SM LATCH CONNECTORS

CM20SL889V : CON 2.0 MM SM LATCH 8.89 MM GULLS VERT
: STANDARD ODD-EVEN PINOUT



```
CM20SL88_V : CON 2.0 MM SM LATCH 8.89 MM GULLS INV VERT
            : INVERSE ( ) ODD-EVEN PINOUT
```



REVISION 7.00	CONM20SL LIBRARY	
CONM20SL.LIB		CONM20SL-1

C	=	Connector
M20	=	2.0 mm pitch
T	=	Thru-hole mount
B	=	Block style
Number	=	Body width
R, V	=	Right angle or Vertical
Number	=	Pin count

**Rt. Angle 5.97 Wide
Single-in-line**

CM20TB597R : HELP
 CM20TB597R1
 CM20TB597R2
 CM20TB597R3
 CM20TB597R4
 CM20TB597R5
 CM20TB597R6
 CM20TB597R7
 CM20TB597R8
 CM20TB597R9
 CM20TB597R10
 CM20TB597R11
 CM20TB597R12
 CM20TB597R13
 CM20TB597R14
 CM20TB597R15
 CM20TB597R16
 CM20TB597R17
 CM20TB597R18
 CM20TB597R19
 CM20TB597R20
 CM20TB597R21
 CM20TB597R22
 CM20TB597R23
 CM20TB597R24
 CM20TB597R25
 CM20TB597R26
 CM20TB597R27
 CM20TB597R28
 CM20TB597R29
 CM20TB597R30
 CM20TB597R31
 CM20TB597R32
 CM20TB597R33
 CM20TB597R34
 CM20TB597R35

CM20TB597R36
 CM20TB597R37
 CM20TB597R38
 CM20TB597R39
 CM20TB597R40
 CM20TB597R41
 CM20TB597R42
 CM20TB597R43
 CM20TB597R44
 CM20TB597R45
 CM20TB597R46
 CM20TB597R47
 CM20TB597R48
 CM20TB597R49
 CM20TB597R50

**Rt. Angle 7.97 Wide
OE Pinout**

CM20TB797R : HELP
 CM20TB797R00
 CM20TB797R2
 CM20TB797R4
 CM20TB797R6
 CM20TB797R8
 CM20TB797R10
 CM20TB797R12
 CM20TB797R14
 CM20TB797R16
 CM20TB797R18
 CM20TB797R20
 CM20TB797R22
 CM20TB797R24
 CM20TB797R26
 CM20TB797R28
 CM20TB797R30
 CM20TB797R32
 CM20TB797R34
 CM20TB797R36
 CM20TB797R38
 CM20TB797R40
 CM20TB797R42
 CM20TB797R44
 CM20TB797R46
 CM20TB797R48
 CM20TB797R50
 CM20TB797R52
 CM20TB797R54
 CM20TB797R56
 CM20TB797R58
 CM20TB797R60
 CM20TB797R62
 CM20TB797R64
 CM20TB797R70
 CM20TB797R80
 CM20TB797R90

**Rt. Angle 7.97 Wide
Inv (┘) OE Pinout**

CM20TB79_R : HELP
 CM20TB79_R00
 CM20TB79_R2
 CM20TB79_R4
 CM20TB79_R6
 CM20TB79_R8
 CM20TB79_R10
 CM20TB79_R12
 CM20TB79_R14
 CM20TB79_R16
 CM20TB79_R18
 CM20TB79_R20
 CM20TB79_R22
 CM20TB79_R24
 CM20TB79_R26
 CM20TB79_R28
 CM20TB79_R30
 CM20TB79_R32
 CM20TB79_R34
 CM20TB79_R36
 CM20TB79_R38
 CM20TB79_R40
 CM20TB79_R42
 CM20TB79_R44
 CM20TB79_R46
 CM20TB79_R48
 CM20TB79_R50
 CM20TB79_R52
 CM20TB79_R54
 CM20TB79_R56
 CM20TB79_R58
 CM20TB79_R60
 CM20TB79_R62
 CM20TB79_R64
 CM20TB79_R70
 CM20TB79_R80
 CM20TB79_R90

**Vertical 2.00 Wide
Single-in-line**

CM20TB200V : HELP
CM20TB200V1
CM20TB200V2
CM20TB200V3
CM20TB200V4
CM20TB200V5
CM20TB200V6
CM20TB200V7
CM20TB200V8
CM20TB200V9
CM20TB200V10
CM20TB200V11
CM20TB200V12
CM20TB200V13
CM20TB200V14
CM20TB200V15
CM20TB200V16
CM20TB200V17
CM20TB200V18
CM20TB200V19
CM20TB200V20
CM20TB200V21
CM20TB200V22
CM20TB200V23
CM20TB200V24
CM20TB200V25
CM20TB200V26
CM20TB200V27
CM20TB200V28
CM20TB200V29
CM20TB200V30
CM20TB200V31
CM20TB200V32
CM20TB200V33
CM20TB200V34
CM20TB200V35
CM20TB200V36
CM20TB200V37
CM20TB200V38
CM20TB200V39
CM20TB200V40
CM20TB200V41
CM20TB200V42
CM20TB200V43
CM20TB200V44
CM20TB200V45
CM20TB200V46
CM20TB200V47
CM20TB200V48
CM20TB200V49
CM20TB200V50

**Vertical 4.30 Wide
OE Pinout**

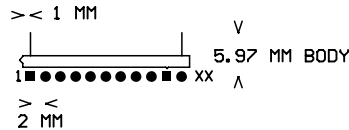
CM20TB430V : HELP
CM20TB430V2
CM20TB430V4
CM20TB430V6
CM20TB430V8
CM20TB430V10
CM20TB430V12
CM20TB430V14
CM20TB430V16
CM20TB430V18
CM20TB430V20
CM20TB430V22
CM20TB430V24
CM20TB430V26
CM20TB430V28
CM20TB430V30
CM20TB430V32
CM20TB430V34
CM20TB430V36
CM20TB430V38
CM20TB430V40
CM20TB430V42
CM20TB430V44
CM20TB430V46
CM20TB430V48
CM20TB430V50
CM20TB430V52
CM20TB430V54
CM20TB430V56
CM20TB430V58
CM20TB430V60
CM20TB430V62
CM20TB430V64

**Vertical 4.30 Wide
Inv () OE Pinout**

CM20TB43_V : HELP
CM20TB43_V2
CM20TB43_V4
CM20TB43_V6
CM20TB43_V8
CM20TB43_V10
CM20TB43_V12
CM20TB43_V14
CM20TB43_V16
CM20TB43_V18
CM20TB43_V20
CM20TB43_V22
CM20TB43_V24
CM20TB43_V26
CM20TB43_V28
CM20TB43_V30
CM20TB43_V32
CM20TB43_V34
CM20TB43_V36
CM20TB43_V38
CM20TB43_V40
CM20TB43_V42
CM20TB43_V44
CM20TB43_V46
CM20TB43_V48
CM20TB43_V50
CM20TB43_V52
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CM20TB43_V58
CM20TB43_V60
CM20TB43_V62
CM20TB43_V64

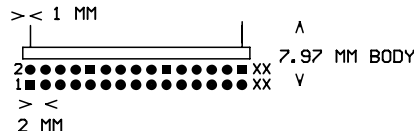
CONM20TB : 2 MM TM BLOCK CONNECTORS

CM20TB597R : CON 2.0 MM TM BLOCK 5.97 MM WIDE RTANG
: STANDARD SEQUENTIAL PINOUT



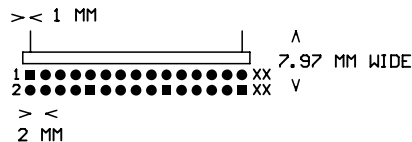
PADSTACK : .031 HOLE / .052 PAD

CM20TB797R : CON 2.0 MM TM BLOCK 7.97 MM WIDE RTANG
: STANDARD ODD-EVEN PINOUT



PADSTACK : .031 HOLE / .052 PAD

CM20TB79_R : CON 2.0 MM TM BLOCK 7.97 MM WIDE INV RTANG
: INVERSE (<_) ODD-EVEN PINOUT

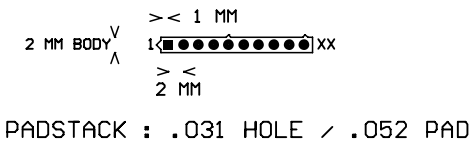


PADSTACK : .031 HOLE / .052 PAD

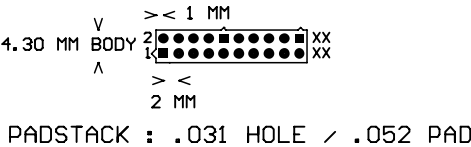
REVISION 7.00	CONM20TB LIBRARY	
CONM20TB.LIB		CONM20TB-1

CONM20TB : 2 MM TM BLOCK CONNECTORS

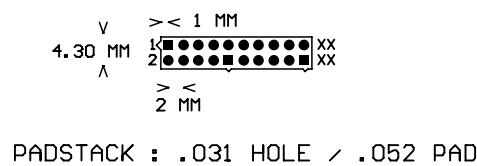
CM20TB200V : CON 2.0 MM TM BLOCK 2.00 MM WIDE VERITCAL
: STANDARD SEQUENTIAL PINOUT



CM20TB430V : CON 2.0 MM TM BLOCK 4.30 MM WIDE VERTICAL
: STANDARD ODD-EVEN PINOUT



CM20TB43_V : CON 2.0 MM TM BLOCK 4.30 MM WIDE INV VERT
: INVERSE () ODD-EVEN PINOUT



REVISION 7.00	CONM20TB LIBRARY	
CONM20TB.LIB		CONM20TB-2

C	=	Connector
M20	=	2.0 mm pitch
T	=	Thru-hole mount
L	=	Latching style
Number	=	Body width
R, V	=	Right angle or Vertical
Number	=	Pin count

**Rt. Angle 15.92 Wide
OE Pinout**

CM20TL159R : HELP
 CM20TL159R4
 CM20TL159R6
 CM20TL159R8
 CM20TL159R10
 CM20TL159R12
 CM20TL159R14
 CM20TL159R16
 CM20TL159R18
 CM20TL159R20
 CM20TL159R22
 CM20TL159R24
 CM20TL159R26
 CM20TL159R28
 CM20TL159R30
 CM20TL159R32
 CM20TL159R34
 CM20TL159R36
 CM20TL159R38
 CM20TL159R40
 CM20TL159R42
 CM20TL159R44
 CM20TL159R46
 CM20TL159R48
 CM20TL159R50

**Rt. Angle 15.92 Wide
Inv (┘) OE Pinout**

CM20TL15_R : HELP
 CM20TL15_R4
 CM20TL15_R6
 CM20TL15_R8
 CM20TL15_R10
 CM20TL15_R12
 CM20TL15_R14
 CM20TL15_R16
 CM20TL15_R18
 CM20TL15_R20
 CM20TL15_R22
 CM20TL15_R24
 CM20TL15_R26
 CM20TL15_R28
 CM20TL15_R30
 CM20TL15_R32
 CM20TL15_R34
 CM20TL15_R36
 CM20TL15_R38
 CM20TL15_R40
 CM20TL15_R42
 CM20TL15_R44
 CM20TL15_R46
 CM20TL15_R48
 CM20TL15_R50

**Vertical 7.62 Wide
OE Pinout**

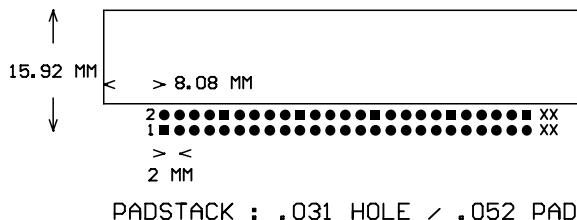
CM20TL762V : HELP
 CM20TL762V4
 CM20TL762V6
 CM20TL762V8
 CM20TL762V10
 CM20TL762V12
 CM20TL762V14
 CM20TL762V16
 CM20TL762V18
 CM20TL762V20
 CM20TL762V22
 CM20TL762V24
 CM20TL762V26
 CM20TL762V28
 CM20TL762V30
 CM20TL762V32
 CM20TL762V34
 CM20TL762V36
 CM20TL762V38
 CM20TL762V40
 CM20TL762V42
 CM20TL762V44
 CM20TL762V46
 CM20TL762V48
 CM20TL762V50

**Vertical 7.62 Wide
Inv (┘) OE Pinout**

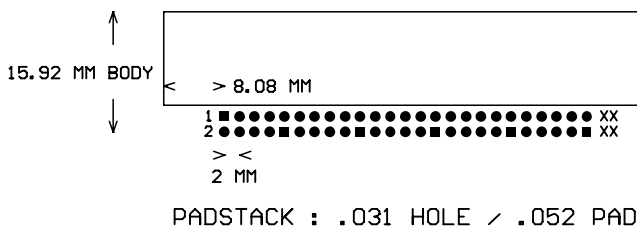
CM20TL76_V : HELP
 CM20TL76_V4
 CM20TL76_V6
 CM20TL76_V8
 CM20TL76_V10
 CM20TL76_V12
 CM20TL76_V14
 CM20TL76_V16
 CM20TL76_V18
 CM20TL76_V20
 CM20TL76_V22
 CM20TL76_V24
 CM20TL76_V26
 CM20TL76_V28
 CM20TL76_V30
 CM20TL76_V32
 CM20TL76_V34
 CM20TL76_V36
 CM20TL76_V38
 CM20TL76_V40
 CM20TL76_V42
 CM20TL76_V44
 CM20TL76_V46
 CM20TL76_V48
 CM20TL76_V50

CONM20TL : 2 MM TM LATCH CONNECTORS

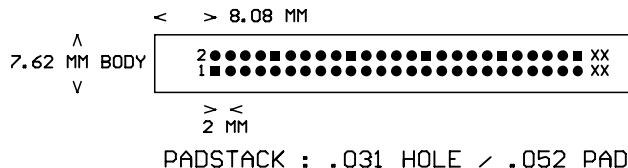
CM20TL159R : CON 2.0 MM TM LATCHING 15.92 MM WIDE RTANG
: STANDARD ODD-EVEN PINOUT



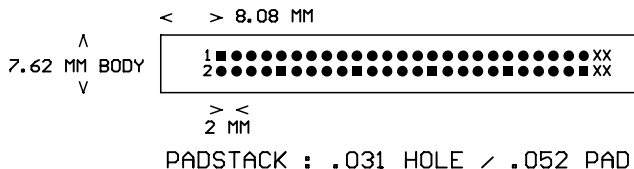
CM20TL15_R : CON 2.0 MM TM LATCHING 15.92 MM WIDE INV RT
: INVERSE (<_) ODD-EVEN PINOUT



CM20TL762V : CON 2.0 MM TM LATCHING 7.62 MM WIDE VERTICAL
: STANDARD ODD-EVEN PINOUT



CM20TL76_V : CON 2.0 MM TM LATCHING 7.62 MM WIDE INV VERT
: INVERSE (<_) ODD-EVEN PINOUT



REVISION 7.00	CONM20TL LIBRARY	
CONM20TL.LIB		CONM20TL-1

C	=	Connector
M20	=	2.0 mm pitch
T	=	Thru-hole mount
W	=	Walled / shrouded style
Number	=	Body width
R, V	=	Right angle or Vertical
Number	=	Pin count

**Rt. Angle 8.35 Wide
OE Pinout**

CM20TW835R : HELP
 CM20TW835R00
 CM20TW835R2
 CM20TW835R4
 CM20TW835R6
 CM20TW835R8
 CM20TW835R10
 CM20TW835R12
 CM20TW835R14
 CM20TW835R16
 CM20TW835R18
 CM20TW835R20
 CM20TW835R22
 CM20TW835R24
 CM20TW835R26
 CM20TW835R28
 CM20TW835R30
 CM20TW835R32
 CM20TW835R34
 CM20TW835R36
 CM20TW835R38
 CM20TW835R40
 CM20TW835R42
 CM20TW835R44
 CM20TW835R46
 CM20TW835R48
 CM20TW835R50
 CM20TW835R52
 CM20TW835R54
 CM20TW835R56
 CM20TW835R58
 CM20TW835R60
 CM20TW835R62
 CM20TW835R64
 CM20TW835R70
 CM20TW835R80
 CM20TW835R90

**Rt. Angle 8.35 Wide
Inv (┘) OE Pinout**

CM20TW83_R : HELP
 CM20TW83_R00
 CM20TW83_R2
 CM20TW83_R4
 CM20TW83_R6
 CM20TW83_R8
 CM20TW83_R10
 CM20TW83_R12
 CM20TW83_R14
 CM20TW83_R16
 CM20TW83_R18
 CM20TW83_R20
 CM20TW83_R22
 CM20TW83_R24
 CM20TW83_R26
 CM20TW83_R28
 CM20TW83_R30
 CM20TW83_R32
 CM20TW83_R34
 CM20TW83_R36
 CM20TW83_R38
 CM20TW83_R40
 CM20TW83_R42
 CM20TW83_R44
 CM20TW83_R46
 CM20TW83_R48
 CM20TW83_R50
 CM20TW83_R52
 CM20TW83_R54
 CM20TW83_R56
 CM20TW83_R58
 CM20TW83_R60
 CM20TW83_R62
 CM20TW83_R64
 CM20TW83_R70
 CM20TW83_R80
 CM20TW83_R90

**Vertical 6.00 Wide
OE Pinout**

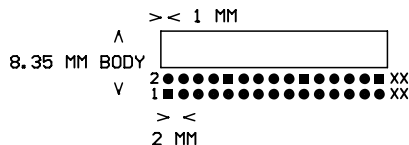
CM20TW600V : HELP
 CM20TW600V00
 CM20TW600V2
 CM20TW600V4
 CM20TW600V6
 CM20TW600V8
 CM20TW600V10
 CM20TW600V12
 CM20TW600V14
 CM20TW600V16
 CM20TW600V18
 CM20TW600V20
 CM20TW600V22
 CM20TW600V24
 CM20TW600V26
 CM20TW600V28
 CM20TW600V30
 CM20TW600V32
 CM20TW600V34
 CM20TW600V36
 CM20TW600V38
 CM20TW600V40
 CM20TW600V42
 CM20TW600V44
 CM20TW600V46
 CM20TW600V48
 CM20TW600V50
 CM20TW600V52
 CM20TW600V54
 CM20TW600V56
 CM20TW600V58
 CM20TW600V60
 CM20TW600V62
 CM20TW600V64
 CM20TW600V70
 CM20TW600V80
 CM20TW600V90

**Vertical 6.00 Wide
Inv (┘) OE Pinout**

CM20TW60_V : HELP
 CM20TW60_V00
 CM20TW60_V2
 CM20TW60_V4
 CM20TW60_V6
 CM20TW60_V8
 CM20TW60_V10
 CM20TW60_V12
 CM20TW60_V14
 CM20TW60_V16
 CM20TW60_V18
 CM20TW60_V20
 CM20TW60_V22
 CM20TW60_V24
 CM20TW60_V26
 CM20TW60_V28
 CM20TW60_V30
 CM20TW60_V32
 CM20TW60_V34
 CM20TW60_V36
 CM20TW60_V38
 CM20TW60_V40
 CM20TW60_V42
 CM20TW60_V44
 CM20TW60_V46
 CM20TW60_V48
 CM20TW60_V50
 CM20TW60_V52
 CM20TW60_V54
 CM20TW60_V56
 CM20TW60_V58
 CM20TW60_V60
 CM20TW60_V62
 CM20TW60_V64
 CM20TW60_V70
 CM20TW60_V80
 CM20TW60_V90

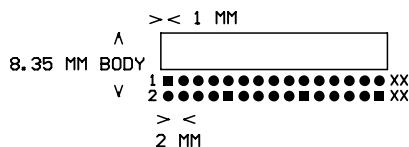
CONM20TW : 2 MM TM WALLED CONNECTORS

CM20TW835R : CON 2.0 MM TM WALLED 8.35 MM WIDE RTANG
: STANDARD ODD-EVEN PINOUT



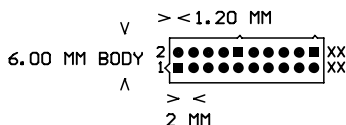
PADSTACK : .031 HOLE / .052 PAD

CM20TW83_R : CON 2.0 MM TM WALLED 8.35 MM WIDE INV RTANG
: INVERSE (<_>) ODD-EVEN PINOUT



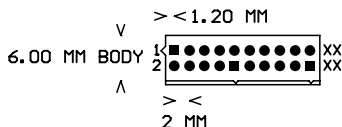
PADSTACK : .031 HOLE / .052 PAD

CM20TW600V : CON 2.0 MM TM WALLED 6.00 MM WIDE VERTICAL
: STANDARD ODD-EVEN PINOUT



PADSTACK : .031 HOLE / .052 PAD

CM20TW60_V : CON 2.0 MM TM WALLED 6.00 MM WIDE INV VERT
: INVERSE (<_>) ODD-EVEN PINOUT



PADSTACK : .031 HOLE / .052 PAD

REVISION 7.00	CONM20TW LIBRARY	
CONM20TW.LIB		CONM20TW-1

RF	=	RF Connectors
BNC, SMA,	=	Style
R, V	=	Right angle or Vertical
Number	=	Right angle length

RF Connectors

RF/BNC/R1350
RF/BNC/V

RF/OSMT

RF/SMA/R425
RF/SMA/R725
RF/SMA/V

RF/SMB/R475
RF/SMB/V

RF/SSMB/R325
RF/SSMB/V

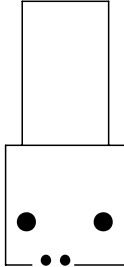
RF/TNC/R1350
RF/TNC/V

CONRF : RF CONNECTORS

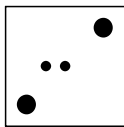
BNC

PADSTACK : .035 HOLE / .057 PAD
MOUNTING : .079 HOLE / .100 PAD

RF/BNC/R1350



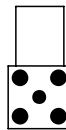
RF/BNC/U



SMB

PADSTACK : .050 HOLE / .071 PAD
MOUNTING : .067 HOLE / .088 PAD

RF/SMB/R475



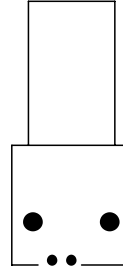
RF/SMB/U



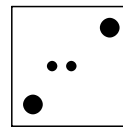
TNC

PADSTACK : .035 HOLE / .057 PAD
MOUNTING : .079 HOLE / .100 PAD

RF/TNC/R1350



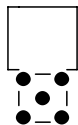
RF/TNC/U



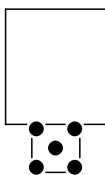
SMA

PADSTACK : .054 HOLE / .075 PAD

RF/SMA/R425



RF/SMA/R725



RF/SMA/U



SSMB

PADSTACK : .035 HOLE / .057 PAD

RF/SSMB/R325

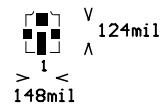


RF/SSMB/U



OSMT

RF/OSMT



PAD 1 : .050 X .102
PADS 2,4 : .050 X .050
PAD 3 : .060 X .070

REVISION 7.00

RF CONNECTOR LIBRARY

CONRF.LIB

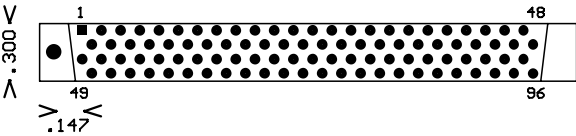
CONRF-1

SBUS	=	SBUS
/VP, /VS	=	Vertical Plug or Socket
Number	=	Pin count

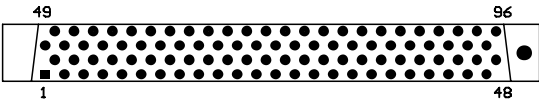
SBUS/VP96
SBUS/VS96

SBUS PLUG & SOCKET CONNECTORS

SBUS/VP/96



SBUS/VS/96



PADSTACK : .028 HOLE $\nearrow$.058 PAD
ALIGNMENT : .062 HOLE $\nearrow$.082 PAD

REVISION 6.80	SBUS CONNECTOR LIBRARY	
CONSBUS.LIB		CONSBUS-1

C	=	Connector
TEL	=	Telephone jack
S	=	Surface mount
Number	=	Mounting hole to PCB edge
R	=	Right angle
Number	=	Pin count

.310 Depth Jacks

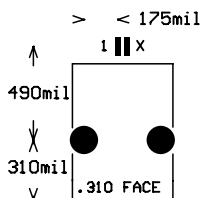
CTELS310R : HELP
CTELS310R6A2
CTELS310R6A4
CTELS310R6X2
CTELS310R6X4
CTELS310R6X6
CTELS310R8A6
CTELS310R8X6
CTELS310R8X8

.420 Depth Jacks

CTELS420R : HELP
CTELS420R6A2
CTELS420R6A4
CTELS420R6X2
CTELS420R6X4
CTELS420R6X6
CTELS420R8A6
CTELS420R8X6
CTELS420R8X8

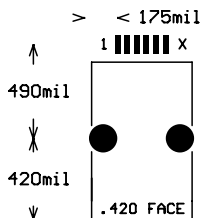
CONTELS : SM TELEPHONE JACKS

CTELS310R : CON .310 TELE SM JACKS RTANG
: STANDARD PINOUT



PADSTACK : .032 X .100
MOUNT : .128 HOLE / .150 PAD

CTELS420R : CON .420 TELE SM JACKS RTANG
: STANDARD PINOUT



PADSTACK : .032 X .100
MOUNT : .128 HOLE / .150 PAD

REVISION 7.00	CONTELS LIBRARY	
CONTELS.LIB		CONTELS-1

C	=	Connector
TEL	=	Telephone jack
T	=	Thru-hole
Number	=	Mounting hole to PCB edge
R	=	Right angle
Number	=	Pin count

.310 Depth Jacks

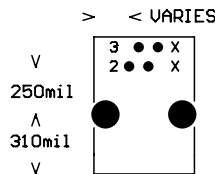
CTELT310R : HELP
CTELT310R6A2
CTELT310R6A4
CTELT310R6X2
CTELT310R6X4
CTELT310R6X6
CTELT310R8A6
CTELT310R8X6
CTELT310R8X8

.420 Depth Jacks

CTELT420R : HELP
CTELT420R6A2
CTELT420R6A4
CTELT420R6X2
CTELT420R6X4
CTELT420R6X6
CTELT420R8A6
CTELT420R8X6
CTELT420R8X8

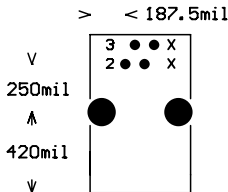
CONTELT : TM TELEPHONE JACKS

CTELT310R : CON .310 TM TELEPHONE JACKS RTANG
: STANDARD PINOUT



PADSTACK : .034 HOLE / .055 PAD
MOUNT : .128 HOLE / .150 PAD

CTELT420R : CON .420 TM TELEPHONE JACKS RTANG
: STANDARD PINOUT



PADSTACK : .034 HOLE / .055 PAD
MOUNT : .128 HOLE / .150 PAD

REVISION 7.00	CONTELT LIBRARY	
CONTELT.LIB		CONTELT-1

DIM	=	Dual In-line Memory Module
8B	=	8-Byte style
050	=	50 mil Pitch
V	=	Vertical
2X	=	Dual
Number	=	Pin count
BOARDBLANKS	:	Refer to last section

8-Byte Style

Standard Dual

Standard

DIM8B050V168

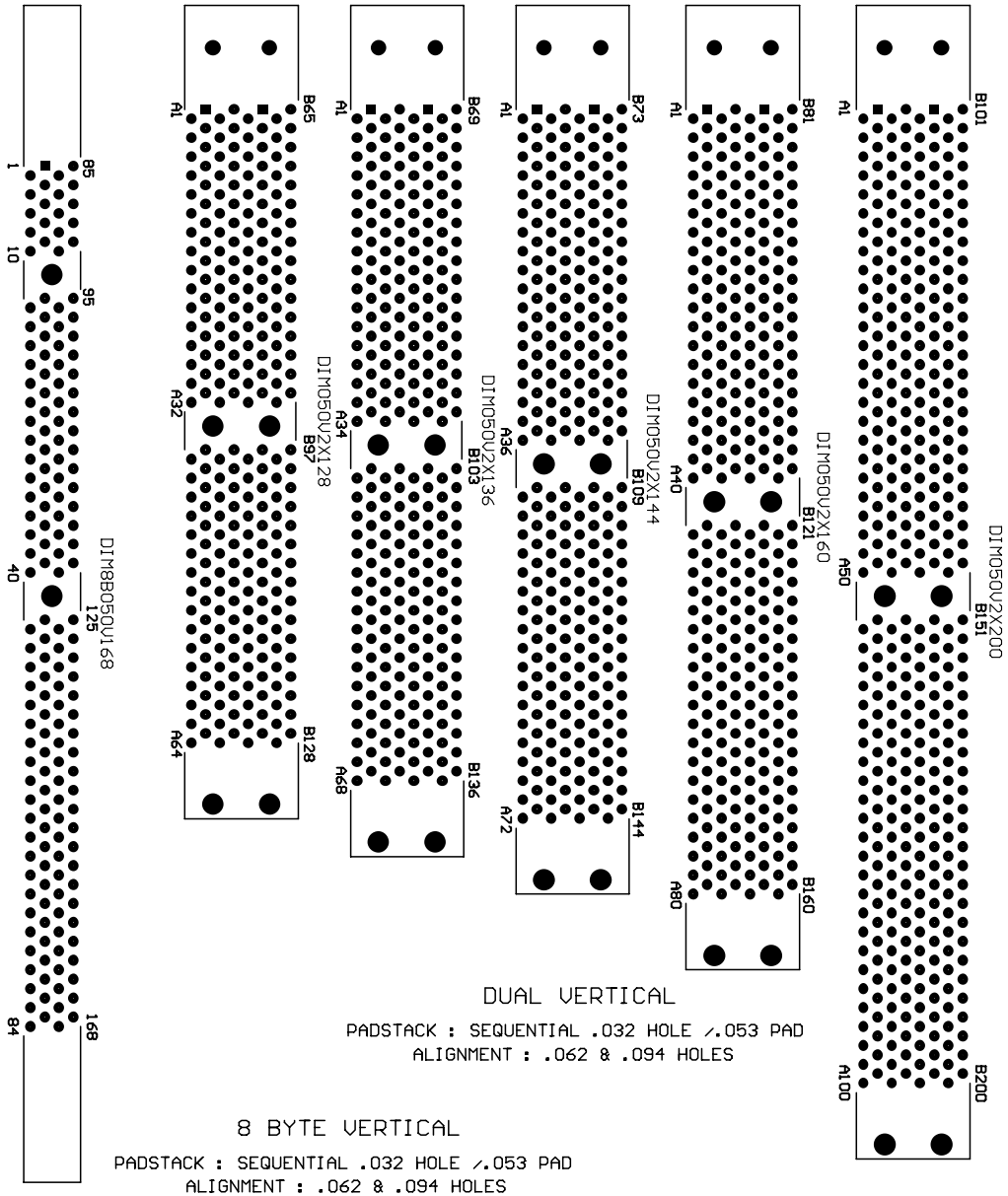
DIM050V2X128
DIM050V2X136
DIM050V2X144
DIM050V2X160
DIM050V2X200

DIM050V104
DIM050V128
DIM050V136
DIM050V144
DIM050V160
DIM050V200

DIMM .050 SOCKETS

8 BYTE DIMM

DUAL STANDARD FORM



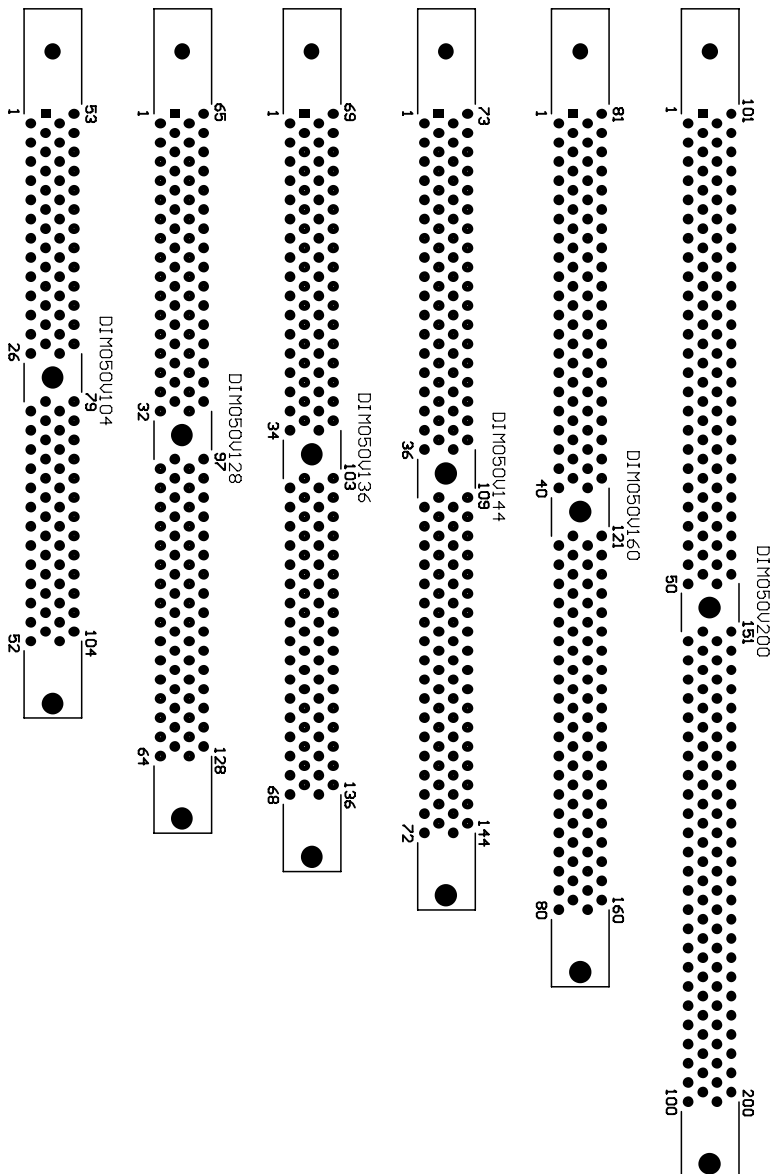
REVISION 7.00	DIMM .050 LIBRARY	
DIMM050.LIB		DIMM050-1

DIMM .050 SOCKETS

STANDARD VERTICAL FORM

PADSTACK : SEQUENTIAL .032 HOLE / .053 PAD

ALIGNMENT : .063 & .094 HOLES



REVISION 7.00	DIMM .050 LIBRARY	
DIMM050.LIB		DIMM050-2

DIMM050E.LIB

DIM	=	Dual In-line Memory Module
8B	=	8-Byte style
050	=	50 mil Pitch
E	=	Edge fingers
Number	=	Pin count
BOARDBLANKS	:	Refer to last section

8-Byte Style

DIM8B050E168

Standard Style

DIM050E128
DIM050E136
DIM050E144
DIM050E160
DIM050E200

DIMM .050 EDGE FINGERS

8 BYTE EDGE FINGERS

PADSTACK : SEQUENTIAL .040 WIDE
MOUNTING : .118 HOLE



STANDARD EDGE FINGERS

PADSTACK : SEQUENTIAL .040 WIDE
MOUNTING : .125 HOLE



DIM050E128



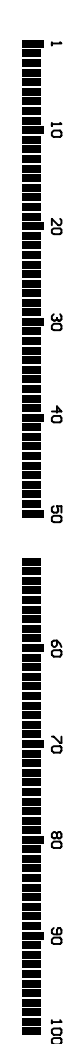
DIM050E136



DIM050E144



DIM050E160



DIM050E200

REVISION 7.00

DIMM .050 EDGE LIBRARY

DIMM050E.LIB

DIMM050E-1

DIMM	=	Dual In-line Memory Module
M08	=	.8 mm pitch
R	=	Right angle
Number	=	Pin count
BOARDBLANKS	:	Refer to last section

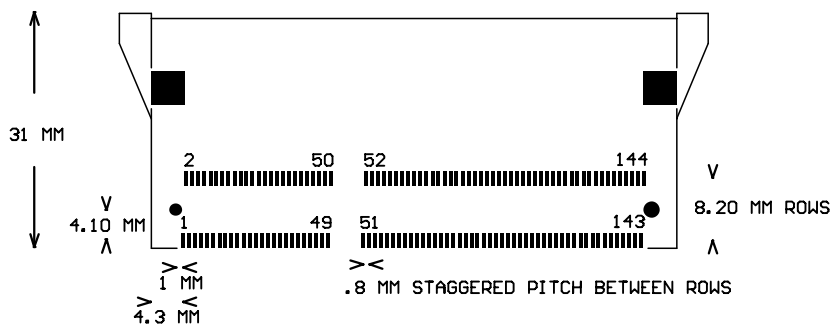
Rt. Angle

DIMMM08R : HELP

DIMMM08R144

DIMMM08S : .8 MM DIMM SOCKET

```
DIMMM08SR : DIMM .8 MM SM LOW PROFILE RTANG SOCKET
           : STAGGERED ROWS, ODD-EVEN PINOUT
```



PADSTACK : .020 X .080
ALIGN : .043 AND .063 HOLES
ZONE PADS : .179 X .181

REVISION 7.00	DIMMM08S LIBRARY	
DIMMM08S.LIB		DIMMM08S-1

DIP100.LIB

DIP	=	Dual In-line Package
Number	=	Pin count
.Number x Number	=	Width in inches x Length in mils

DIP .100

	DIP22.3X1075	DIP32.3X1600
	DIP22.3X1100	DIP32.3X1625
DIP6.3X375	DIP22.3X1125	DIP32.6X1600
	DIP22.3X1150	DIP32.6X1625
DIP8.3X400	DIP22.3X1200	DIP32.6X1650
DIP8.3X425	DIP22.4X1125	DIP32.6X1675
DIP8.3X450	DIP22.4X1150	DIP32.6X1700
DIP8.3X475		
DIP8.3X500	DIP24.3X1175	DIP36.6X1825
DIP8.3X525	DIP24.3X1200	DIP36.6X1850
DIP8.3X550	DIP24.3X1225	DIP36.9X1800
	DIP24.3X1250	
DIP14.3X700	DIP24.3X1275	DIP40.6X2025
DIP14.3X725	DIP24.3X1300	DIP40.6X2050
DIP14.3X750	DIP24.4X1225	DIP40.6X2075
DIP14.3X775	DIP24.4X1250	DIP40.6X2100
DIP14.3X800	DIP24.6X1200	DIP48.6X2425
DIP14.3X825	DIP24.6X1225	DIP48.6X2450
DIP14.3X850	DIP24.6X1250	DIP48.6X2475
	DIP24.6X1275	DIP48.6X2500
DIP16.3X775	DIP24.6X1300	
DIP16.3X800		DIP64.9X3225
DIP16.3X825	DIP28.3X1375	DIP64.9X3250
DIP16.3X875	DIP28.3X1400	
DIP16.3X900	DIP28.3X1425	
DIP16.3X950	DIP28.3X1450	
	DIP28.3X1475	
DIP18.3X900	DIP28.3X1500	
DIP18.3X925	DIP28.4X1425	
DIP18.3X950	DIP28.4X1450	
	DIP28.6X1400	
DIP20.3X975	DIP28.6X1425	
DIP20.3X1000	DIP28.6X1450	
DIP20.3X1025	DIP28.6X1475	
DIP20.3X1050	DIP28.6X1500	
DIP20.3X1075	DIP28.6X1525	
DIP20.3X1100	DIP28.6X1550	
DIP20.4X1000	DIP28.6X1575	
DIP20.4X1025	DIP28.6X1600	
DIP20.4X1050		

DIP .100

DIP PINS / WIDTH x LENGTH

PADSTACK : DIP .034 HOLE / .058 PAD

DIP6. 3X375



DIP14. 3X800



DIP20. 3X975



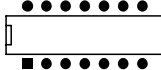
DIP22. 3X1150



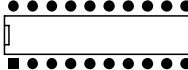
DIP8. 3X400



DIP14. 3X825



DIP20. 3X1000



DIP22. 3X1200



DIP8. 3X425



DIP14. 3X850



DIP20. 3X1025



DIP22. 4X1125



DIP8. 3X450



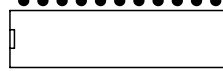
DIP16. 3X775



DIP20. 3X1050



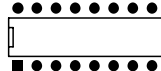
DIP22. 4X1150



DIP8. 3X475



DIP16. 3X800



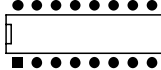
DIP20. 3X1075



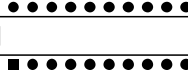
DIP8. 3X500



DIP16. 3X825



DIP20. 3X1100



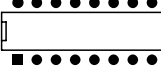
DIP24. 3X1175



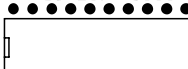
DIP8. 3X525



DIP16. 3X875



DIP20. 4X1000



DIP24. 3X1200



DIP8. 3X550



DIP16. 3X900



DIP20. 4X1025



DIP24. 3X1225



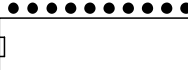
DIP14. 3X700



DIP16. 3X950



DIP20. 4X1050



DIP24. 3X1275



DIP14. 3X725



DIP18. 3X900



DIP22. 3X1075



DIP24. 3X1300



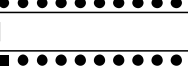
DIP14. 3X750



DIP18. 3X925



DIP22. 3X1100



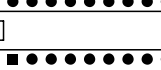
DIP24. 4X1225



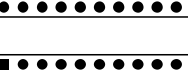
DIP14. 3X775



DIP18. 3X950



DIP22. 3X1125



DIP24. 4X1250



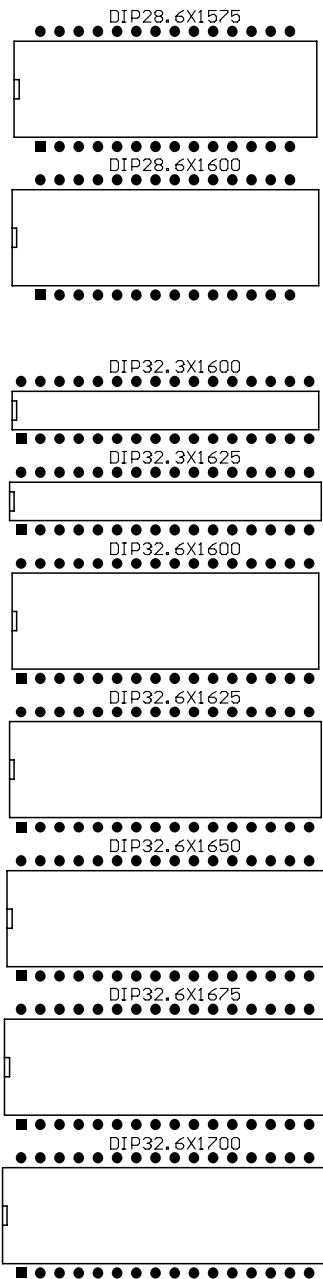
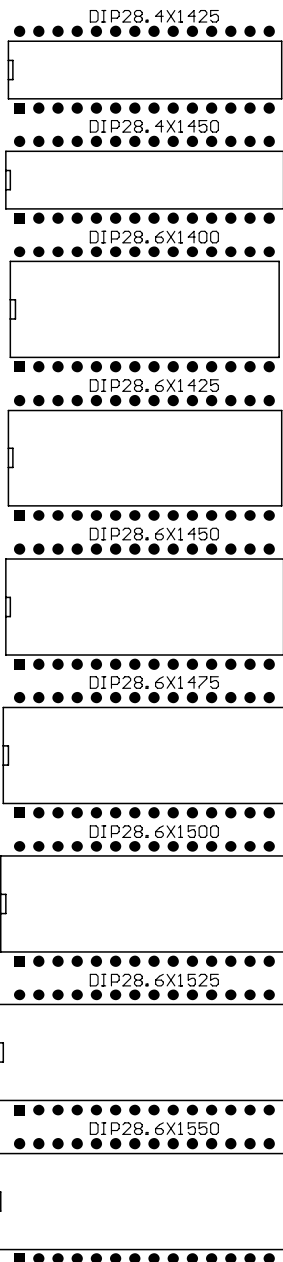
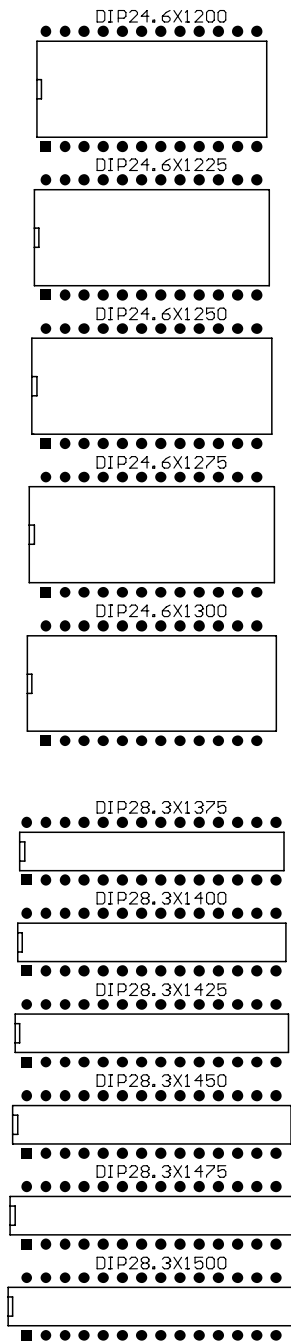
REVISION 6.80

DIP LIBRARY

DIP.LIB

DIP-1

DIP .100



REVISION 6.80	DIP LIBRARY	
DIP.LIB		DIP-2

DIP .100

DIP36.6X1825



DIP36.6X1850



DIP36.9X1800



DIP40.6X2025



DIP40.6X2050



DIP40.6X2075



DIP40.6X2100



DIP48.6X2425



DIP48.6X2450



DIP48.6X2475



DIP48.6X2500



DIP64.9X3225



DIP64.9X3250



REVISION 6.80

DIP LIBRARY

DIP.LIB

DIP-3

DIB	=	Buttmount DIP style
Number	=	Pin count
. Number x Number	=	Width in inches x length in mils

DIP Buttmount

DIB8.3X450

DIB14.3X800
DIB14.3X850

DIB16.3X850
DIB16.3X900
DIB16.3X950

DIB18.3X950

DIB20.3X1050

DIB22.4X1150

DIB24.3X1300
DIB24.4X1250
DIB24.6X1300

DIB28.3X1450

DIP .100 BUTTMOUNT

PADSTACK : DIP .046 X .086 PAD

DIB8.3X450



DIB20.3X1050



DIB14.3X800



DIB22.4X1150



DIB14.3X850



DIB24.3X1300



DIB16.3X850



DIB24.4X1250



DIB16.3X900



DIB24.6X1300



DIB16.3X950



DIB18.3X950



DIB28.3X1450



REVISION 6.90

DIP BUTTMOUNT LIBRARY

DIPB.LIB

DIPB-1

ISA	=	ISA card compatible
/EDGE, /SOCKET	=	Edge Fingers, Edge Socket
BOARDBLANKS	:	Refer to last section

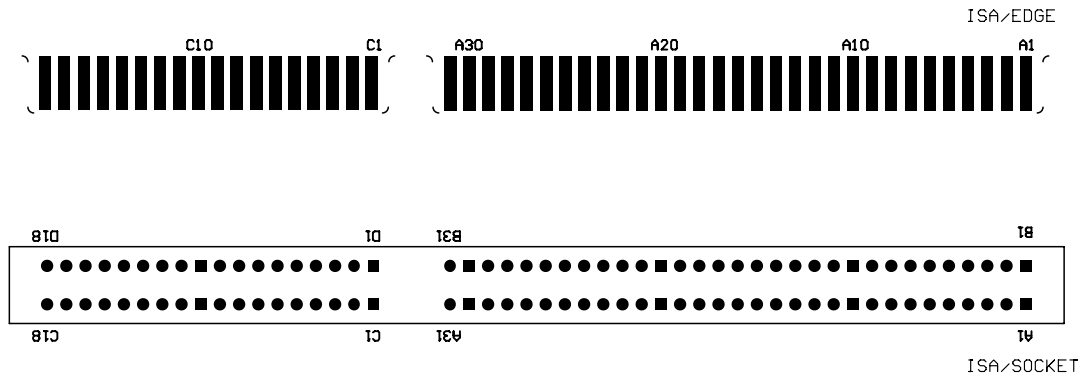
Edge Fingers	Edge Socket
ISA/EDGE	ISA/SOCKET

ISA

ISA SOCKET & FINGERS

PADSTACK : ALPHA-NUMERIC .065 x .295 EDGE FINGERS

PADSTACK : .040 HOLE/.062 PAD



REVISION 7.00	ISA LIBRARY	
ISA.LIB		ISA-1

PC104	=	PC/104 card compatible
/J1, /J2	=	8 and 16 bit sockets
BOARDBLANKS	:	Refer to last section

Sockets

Mounting Hole

PC104/J1
PC104/J2

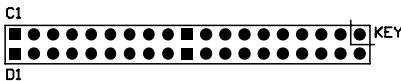
PC104/MH

PC/104

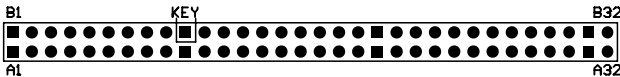
PC/104 8 & 16 BIT SOCKETS

PADSTACK : ALAPHA-NUMERIC .037 HOLE/.062 PAD
MOUNTING : .125 HOLE/.250 PAD

PC104/J2



PC104/J1



PC104/MH



REVISION 7.00	PC/104 LIBRARY	
PC104.LIB		PC104-1

PCI	=	PCI card compatible
32	=	32-Bit
64	=	64-Bit
V3, V5	=	3.3 or 5 volt
Edge, Skt	=	Edge fingers or edge Socket
BOARDBLANKS	:	Refer to last section

32-Bit 3.3v

PCI32V3/EDG
PCI32V3/SKT

64-Bit 3.3v

PCI64B3V/EDG
PCI64B3V/SKT

Mounting Hole

PCI/MH

32-Bit 5v

PCI32V5/EDG
PCI32V5/SKT

64-Bit 5v

PCI64B5V/EDG
PCI64B5V/SKT

PCI : EDGE & SOCKET CONNECTORS

PCI/MH



BOARD BLANK MOUNT : .125 HOLE / .150 PAD

PCI 32 BIT SOCKETS & FINGERS

PADSTACK : ALAPHA-NUMERIC .036 x .200 EDGE FINGERS

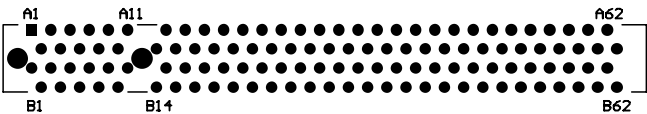
PADSTACK : .040 HOLE/.061 PAD

MOUNTING : .196 HOLE / .106 PAD

PCI32V3/EDGE



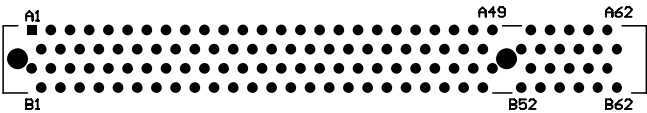
PCI32V3/SKT



PCI32V5/EDGE



PCI32V5/SKT



REVISION 7.00

PCI LIBRARY

PCI.LIB

PCI-1

PCI

PCI 32/64 BIT EDGE CONNECTORS & SOCKETS

PCI 64 BIT SOCKETS & FINGERS

PADSTACK : ALAPHA-NUMERIC .036 x .200 EDGE FINGERS

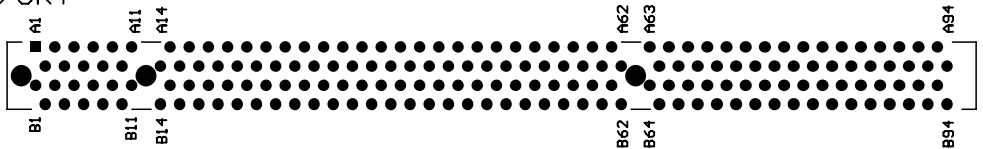
PADSTACK : ALAPHA-NUMERIC .040 HOLE / .061 PAD

MOUNTING : .096 HOLE / .111 PAD

PCI64V3/EDGE



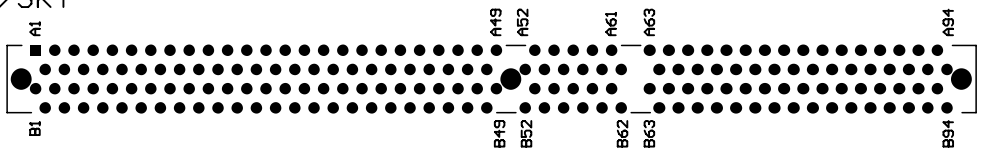
PCI64V3/SKT



PCI64V5/EDGE



PCI64V5/SKT



REVISION 7.00	PCI LIBRARY	
PCI		PCI-2

PGA.LIB

Number	=	Array Size
PGA	=	Pin Grid Array
.10	=	100 mil Pitch
_, A, B	=	Variant
Number	=	Pin count

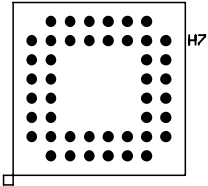
8PGA.10_44	12PGA.10_44	15PGA.10_100	18PGA.10A324
8PGA.10_64	12PGA.10_84	15PGA.10_104	18PGA.10B324
	12PGA.10_89	15PGA.10_144	18PGA.10_179
9PGA.10_52	12PGA.10_108	15PGA.10_145	18PGA.10_191
9PGA.10_56	12PGA.10_109	15PGA.10_149	18PGA.10_223
9PGA.10_72	12PGA.10_144	15PGA.10_156	
9PGA.10_76		15PGA.10_160	19PGA.10A240
9PGA.10_81	13PGA.10_84	15PGA.10_176	19PGA.10B240
	13PGA.10_85	15PGA.10_179	19PGA.10_235
10PGA.10_64	13PGA.10_88	15PGA.10_180	19PGA.10_280
10PGA.10_68	13PGA.10_89	15PGA.10_181	19PGA.10_361
10PGA.10_84	13PGA.10_101	15PGA.10_212	
10PGA.10_100	13PGA.10_114	15PGA.10_223	20PGA.10_299
	13PGA.10_120	15PGA.10_225	20PGA.10_400
11PGA.10_68	13PGA.10_121		
11PGA.10_69	13PGA.10_124	16PGA.10_155	21PAG.10_273
11PGA.10_70	13PGA.10_128	16PGA.10_156	21PGA.10_441
11PGA.10_72A	13PGA.10_132	16PGA.10_160	
11PGA.10_72B	13PGA.10_133	16PGA.10_172	35PGA.10_325
11PGA.10_73	13PGA.10_144	16PGA.10_175	
11PGA.10_76	13PGA.10_169	16PGA.10_256	37PGA.10_403
11PGA.10_84A	13PGA.10A100		
11PGA.10_84B	13PGA.10B100	17PGA.10_168	39PGA.10_411
11PGA.10_85		17PGA.10_169	
11PGA.10_88	14PGA.10_95	17PGA.10_188	43PGA.10_503
11PGA.10_96	14PGA.10_101	17PGA.10_192	
11PGA.10_108	14PGA.10_132	17PGA.10_208	
11PGA.10_112	14PGA.10_133	17PGA.10_209	
11PGA.10_116	14PGA.10_134	17PGA.10_225	
11PGA.10_121	14PGA.10_160	17PGA.10_232	
	14PGA.10_179	17PGA.10_240	
	14PGA.10_180	17PGA.10_289	
	14PGA.10_184		
	14PGA.10_196		

PGA

PADSTACK : ALPHANUMERIC .034 HOLE $\angle$.058 PAD

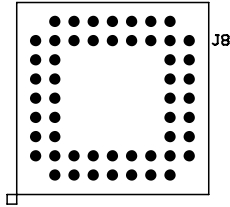
8x8

8PGA.10_44



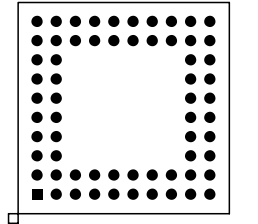
9x9

9PGA.10_52

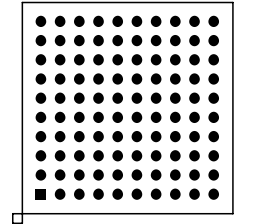


10x10

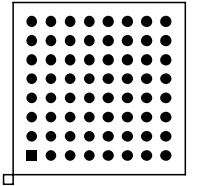
10PGA.10_64



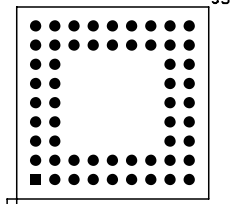
10PGA.10_100



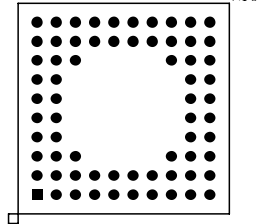
8PGA.10_64



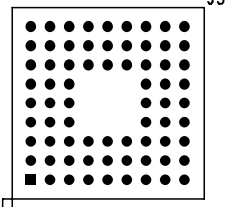
9PGA.10_56



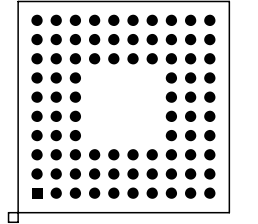
10PGA.10_68



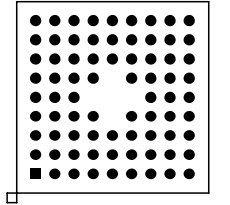
9PGA.10_72



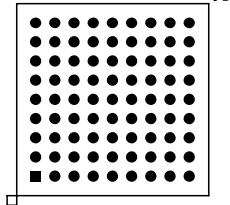
10PGA.10_84



9PGA.10_76



9PGA.10_81



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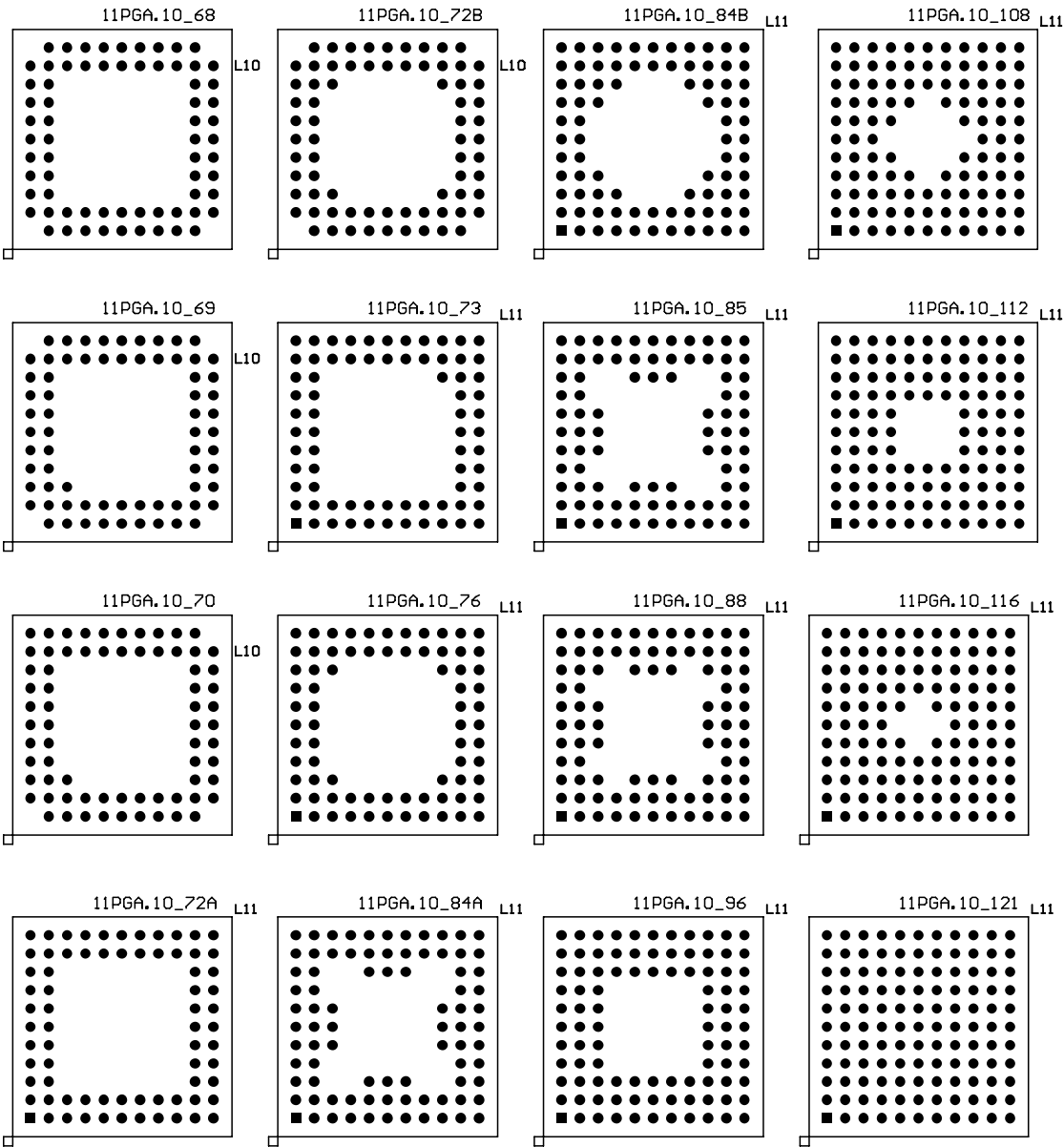
PGA LIBRARY

PGA.LIB

PGA-1

PGA

11×11



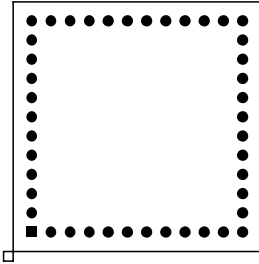
REVISION 7.00	PGA LIBRARY	
PGA.LIB		PGA-2

PGA

12x12

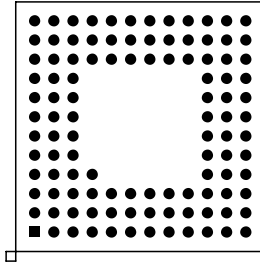
12PGA.10_44

M12



12PGA.10_109

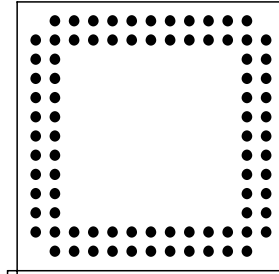
M12



13x13

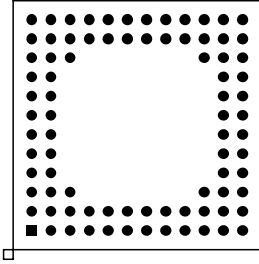
13PGA.10_84

N12



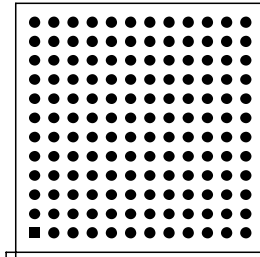
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M12



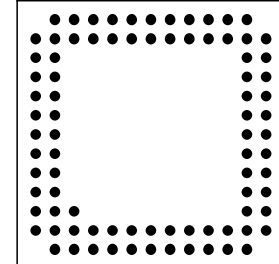
12PGA.10_144

M12



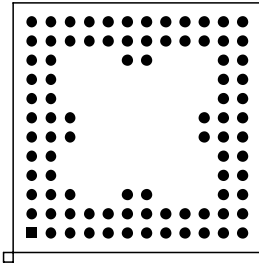
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N12



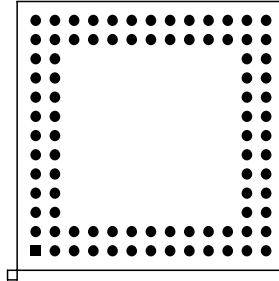
12PGA.10_89

M12



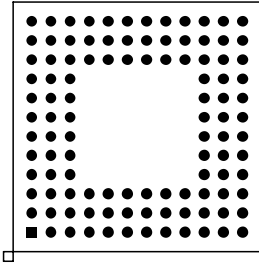
13PGA.10_88

N13



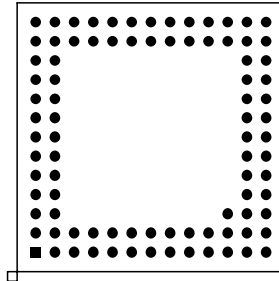
12PGA.10_108

M12



13PGA.10_89

N13



REVISION 7.00

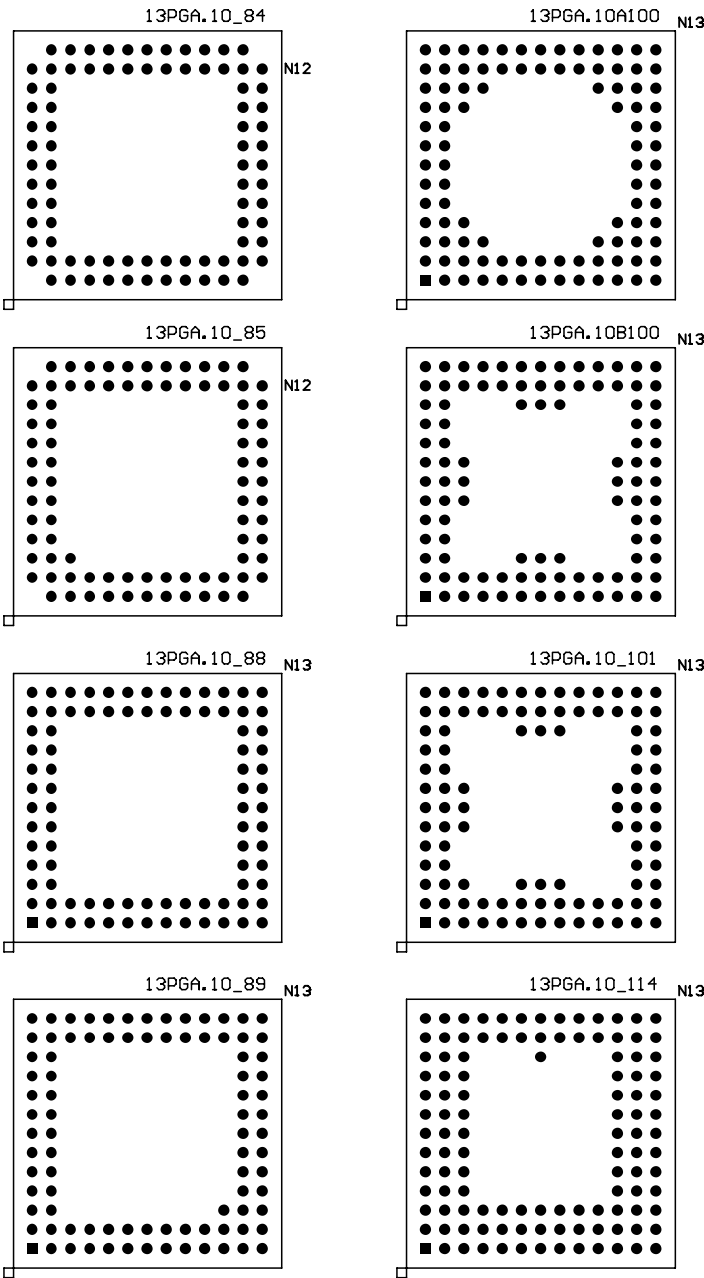
PGA LIBRARY

PGA.LIB

PGA-3

PGA

13x13

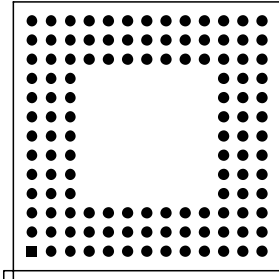


REVISION 7.00	PGA LIBRARY	
PGA.LIB		PGA-4

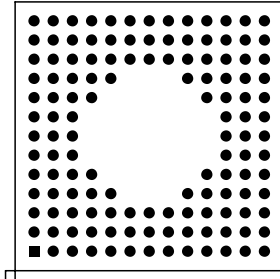
PGA

13x13

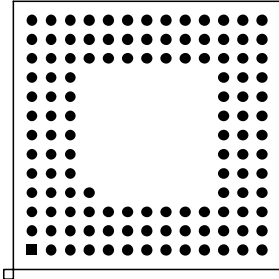
13PGA.10_120 N13



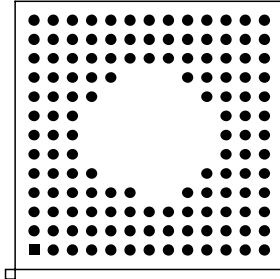
13PGA.10_132 N13



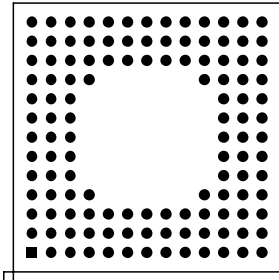
13PGA.10_121 N13



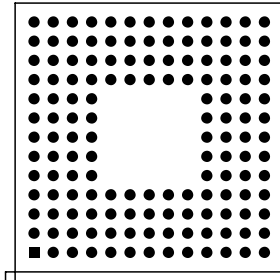
13PGA.10_133 N13



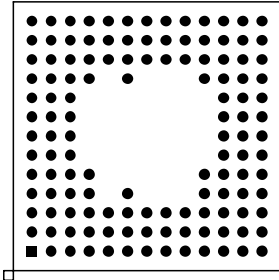
13PGA.10_124 N13



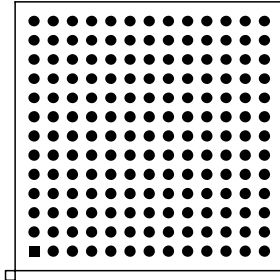
13PGA.10_144 N13



13PGA.10_128 N13



13PGA.10_169 N13



REVISION 7.00

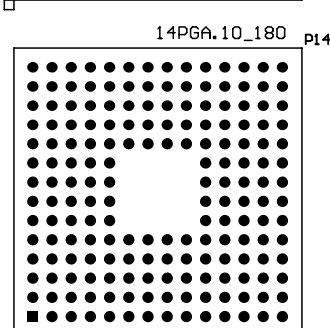
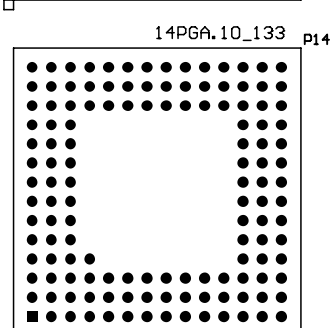
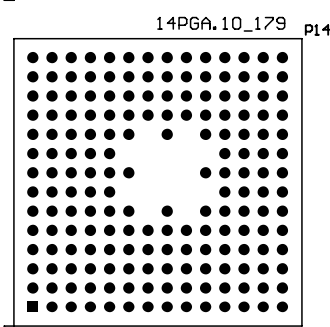
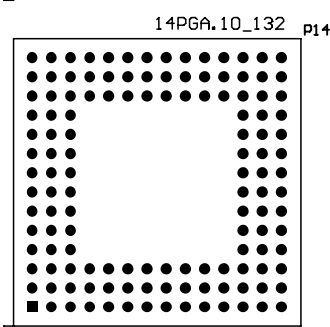
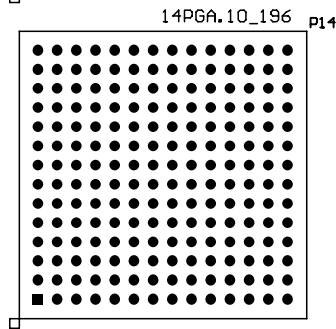
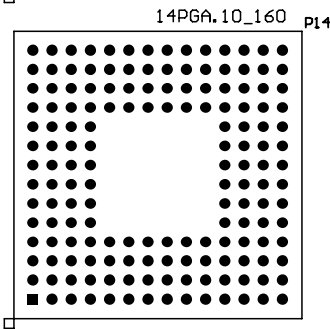
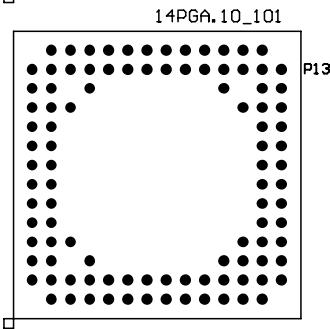
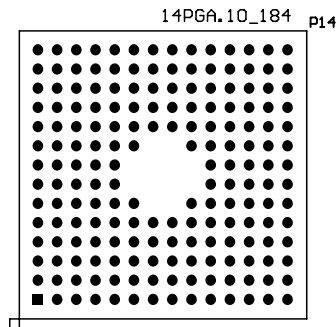
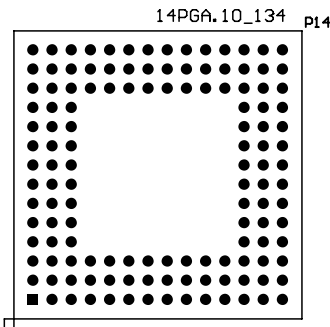
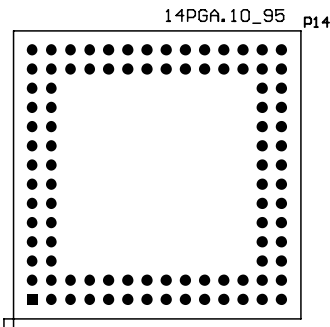
PGA LIBRARY

PGA.LIB

PGA-5

PGA

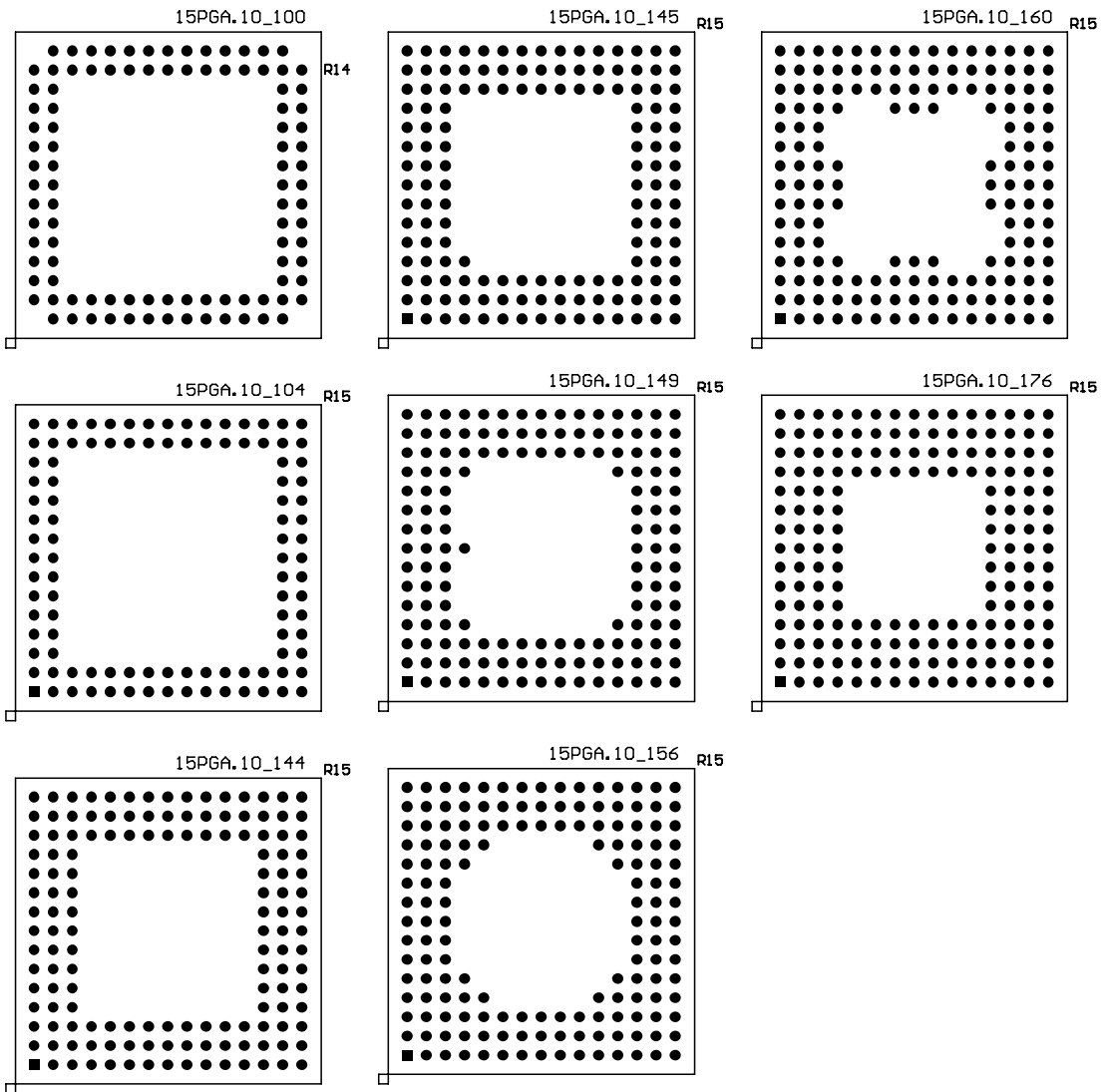
14x14



REVISION 7.00	PGA LIBRARY	
PGA.LIB		PGA-6

PGA

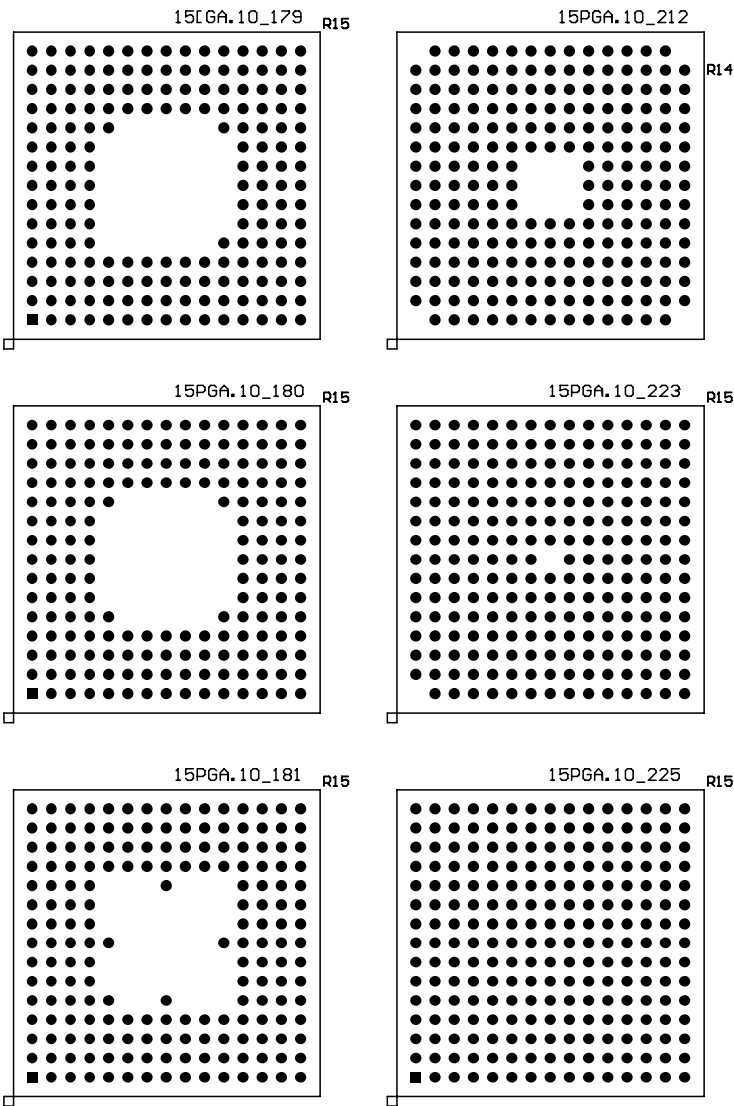
15x15



REVISION 7.00	PGA LIBRARY	
PGA.LIB		PGA-7

PGA

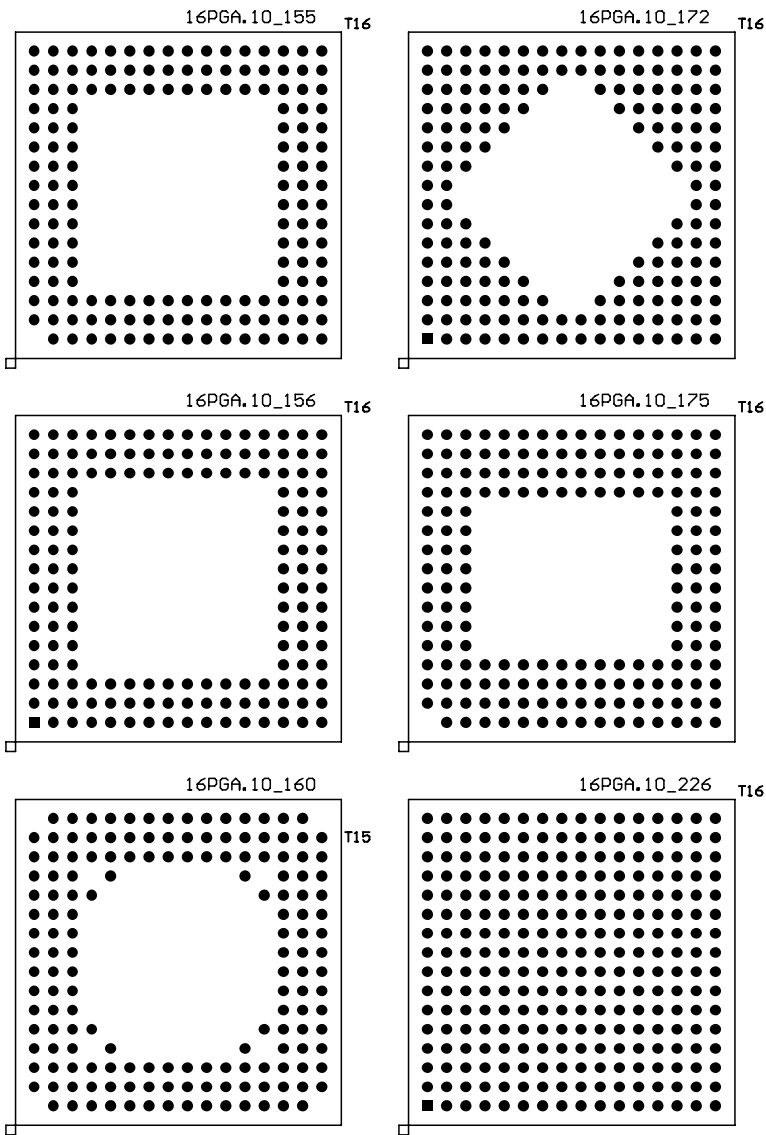
15x15



REVISION 7.00	PGA LIBRARY	
PGA.LIB		PGA-8

PGA

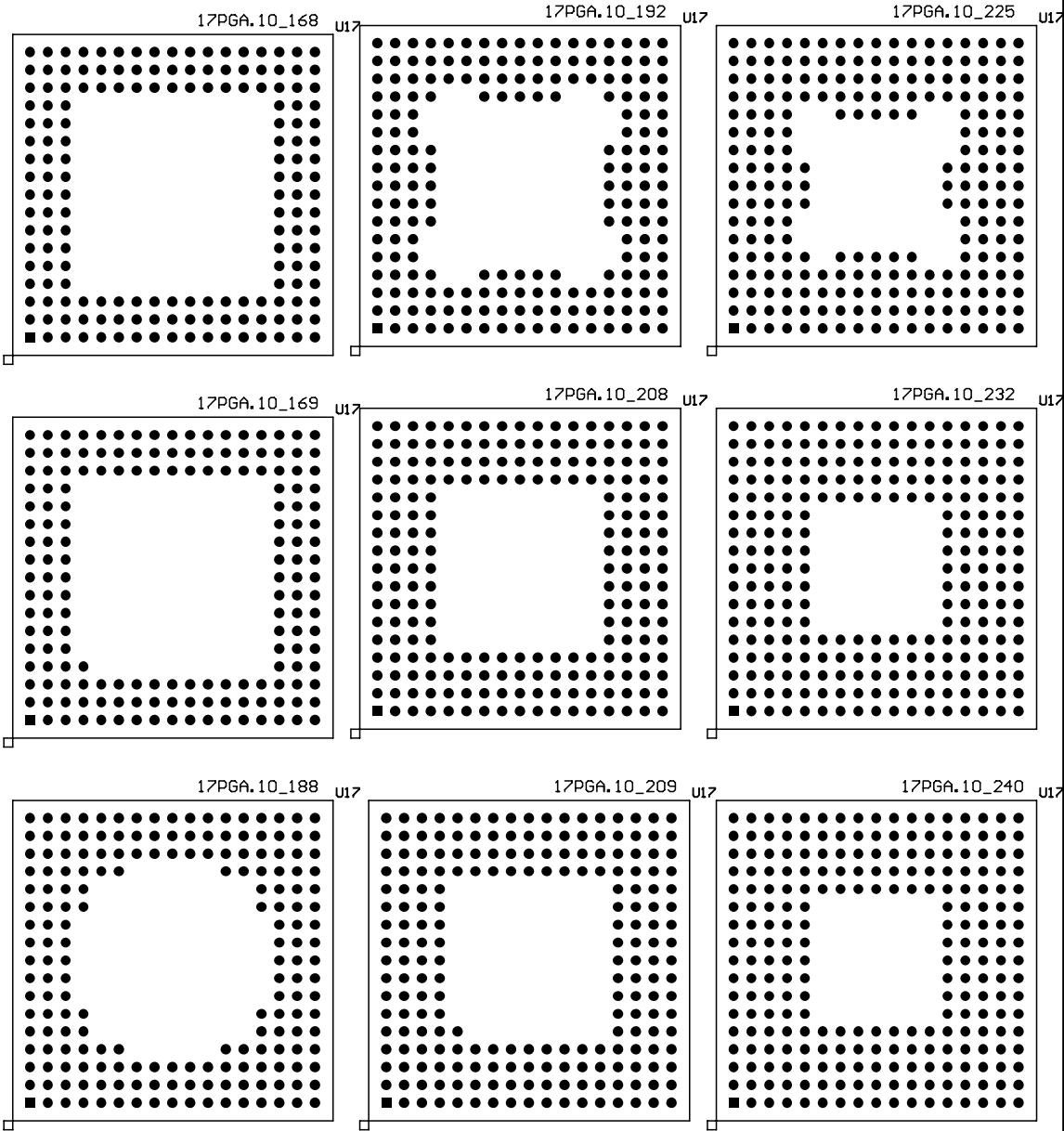
16x16



REVISION 7.00	PGA LIBRARY	
PGA.LIB		PGA-9

PGA

17x17



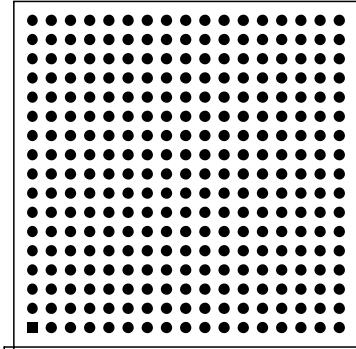
REVISION 7.00	PGA LIBRARY	
PGA.LIB		PGA-10

PGA

17x17

17PGA.10_289

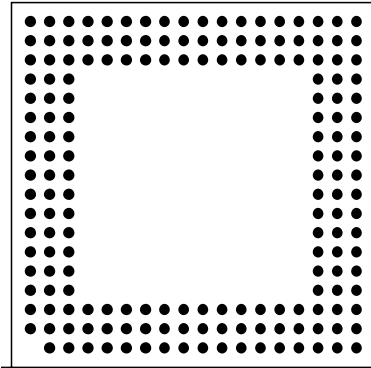
U17



18x18

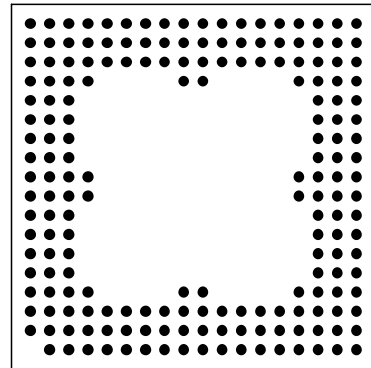
18PGA.10_179

U18



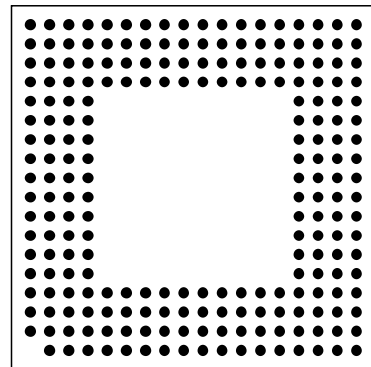
18PGA.10_191

U18



18PGA.10_223

U18

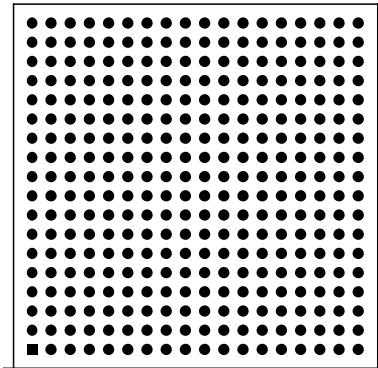


REVISION 7.00	PGA LIBRARY	
PGA.LIB		PGA-11

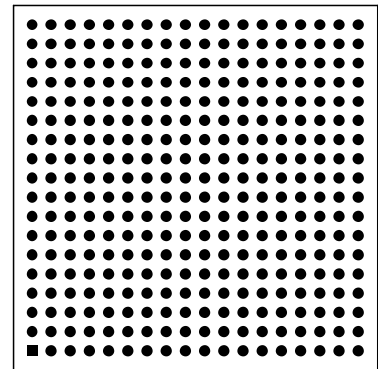
PGA

18x18

18PGA.10A324 U18

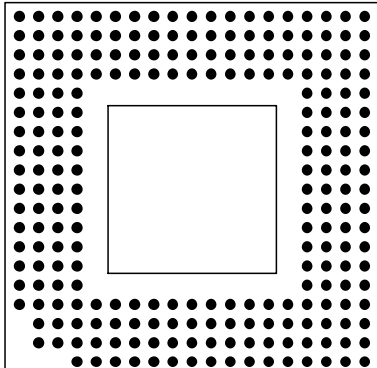


18PGA.10B324 U18

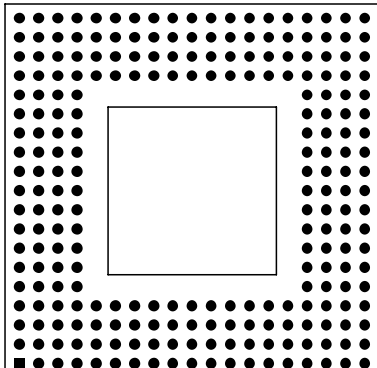


19x19

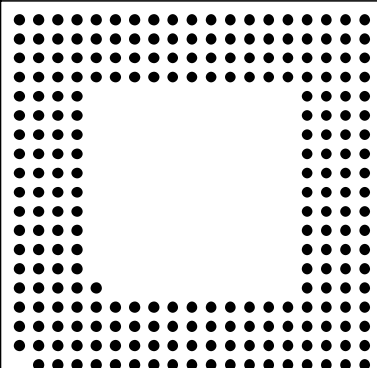
19PGA.10_235 U19



19PGA.10A240 U19



19PGA.10B240 U19



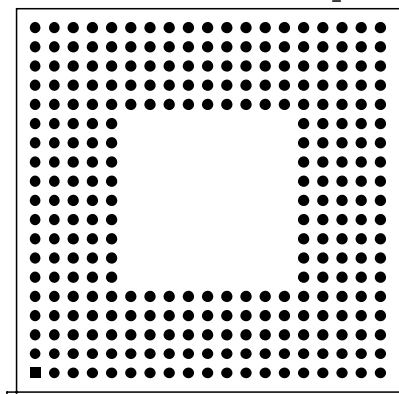
REVISION 7.00	PGA LIBRARY	
PGA.LIB		PGA-12

PGA

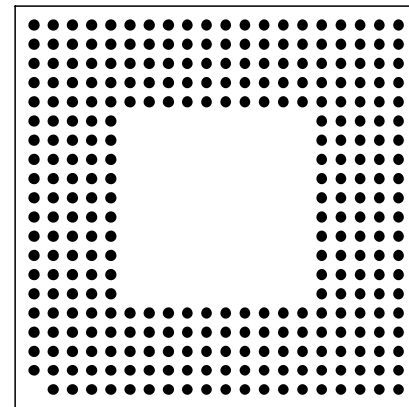
19x19

20x20

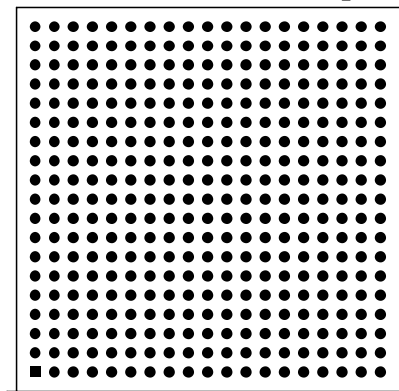
19PGA.10_280 w19



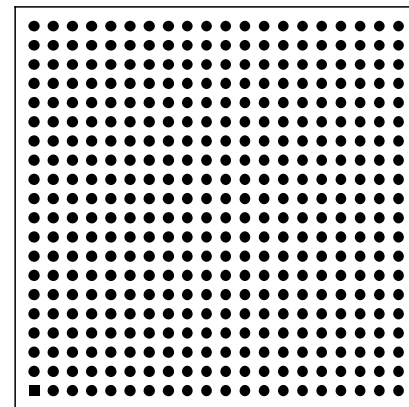
20PGA.10_299 x20



19PGA.10_361 w19



20PGA.10_400 y20



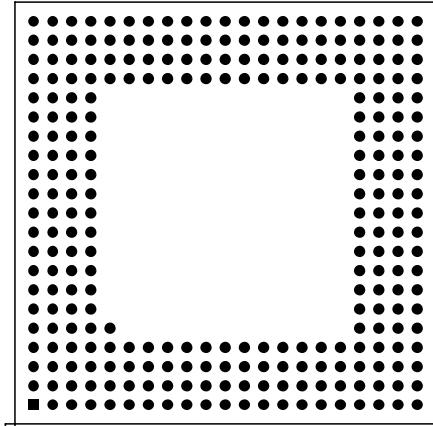
REVISION 7.00	PGA LIBRARY	
PGA.LIB		PGA-13

PGA

21x21

21PGA.10_273

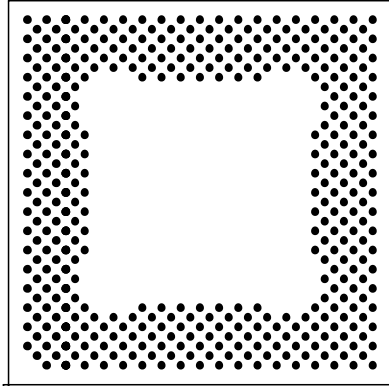
AA21



37x37

37PGA.10_403

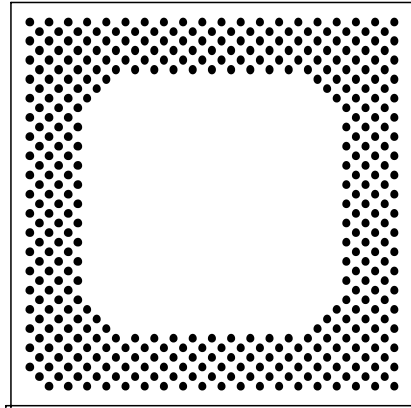
AU37



39x39

39PGA.10_411

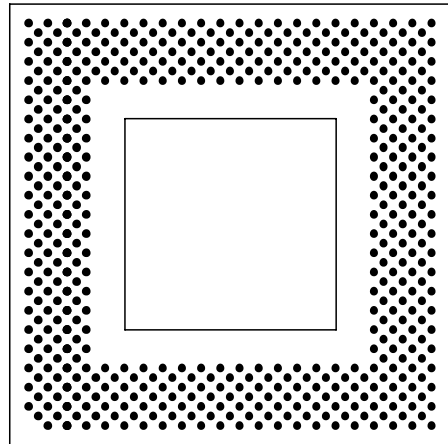
AW29



43x43

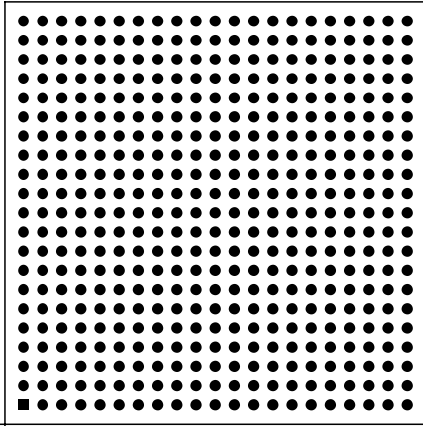
43PGA.10_503

BC13



21PGA.10_441

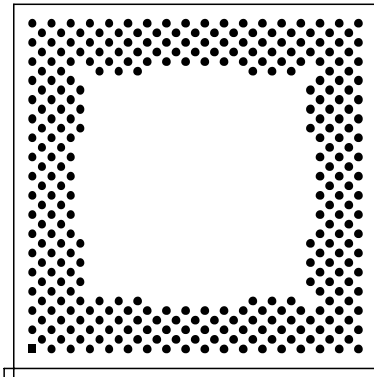
AA21



35x35

35PGA.10_325

AR35



REVISION 7.00	PGA LIBRARY	
PGA.LIB		PGA-14

PLCC.LIB

PLCC	=	Plastic Leaded Chip Carrier
Number	=	Pin count
S, T	=	Surface mount or Thru-hole mount socket
Number	=	Socket width in mils

PLCC

PLCC20

PLCC20/S575

PLCC20/S600

PLCC20/T625

PLCC20/T650

PLCC20/T675

PLCC28

PLCC28/S675

PLCC28/S700

PLCC28/T725

PLCC28/T750

PLCC28/T775

PLCC32

PLCC32/S650

PLCC32/S675

PLCC32/S700

PLCC32/T700

PLCC32/T725

PLCC32/T750

PLCC44

PLCC44/S875

PLCC44/S900

PLCC44/S925

PLCC44/T925

PLCC44/T950

PLCC44/T975

PLCC52

PLCC52/S1000

PLCC52/S1025

PLCC52/S1050

PLCC52/T1025

PLCC52/T1050

PLCC52/T1075

PLCC68

PLCC68/S1200

PLCC68/S1225

PLCC68/S1250

PLCC68/T1225

PLCC68/T1250

PLCC68/T1275

PLCC84

PLCC84/S1400

PLCC84/S1425

PLCC84/S1450

PLCC84/T1425

PLCC84/T1450

PLCC84/T1475

PLCC00

PLCC00/S1600

PLCC00/S1625

PLCC00/S1650

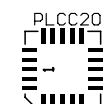
PLCC00/T1625

PLCC00/T1650

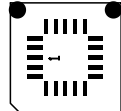
PLCC00/T1675

PLCC124

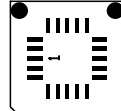
PLCC



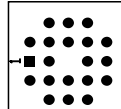
PLCC20/S575



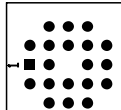
PLCC20/S600



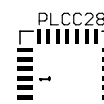
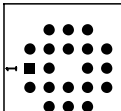
PLCC20/T625



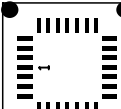
PLCC20/T650



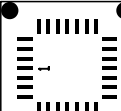
PLCC20/T675



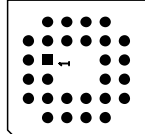
PLCC28/S675



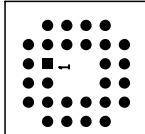
PLCC28/S700



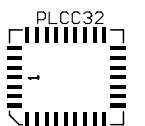
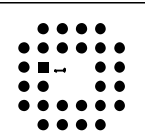
PLCC28/T725



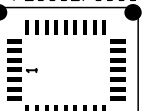
PLCC28/T750



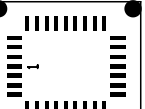
PLCC28/T775



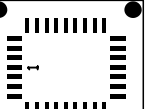
PLCC32/S650



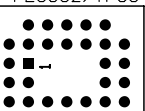
PLCC32/S675



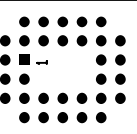
PLCC32/S700



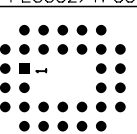
PLCC32/T700



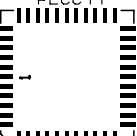
PLCC32/T725



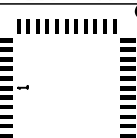
PLCC32/T750



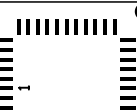
PLCC44



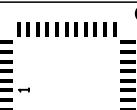
PLCC44/S875



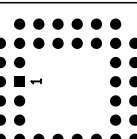
PLCC44/S900



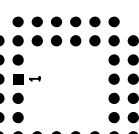
PLCC44/S925



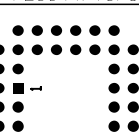
PLCC44/T925



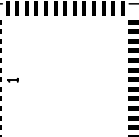
PLCC44/T950



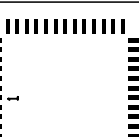
PLCC44/T975



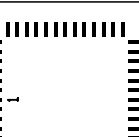
PLCC52



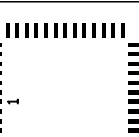
PLCC52/S1000



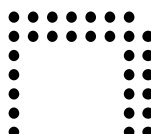
PLCC52/S1025



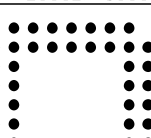
PLCC52/S1050



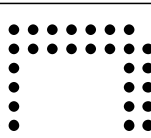
PLCC52/T1025



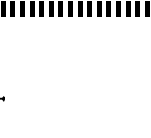
PLCC52/T1050



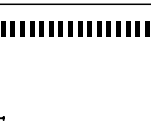
PLCC52/T1075



PLCC68



PLCC68/S1200



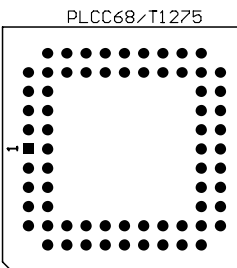
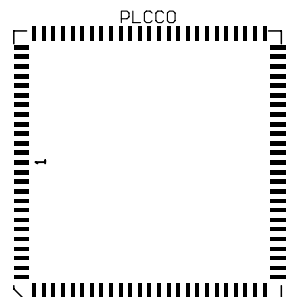
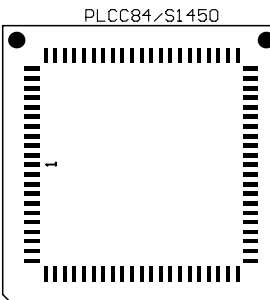
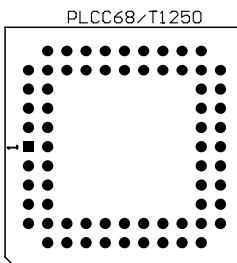
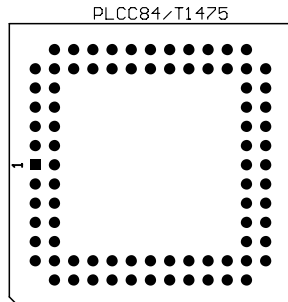
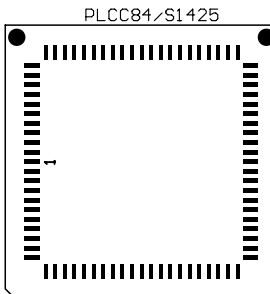
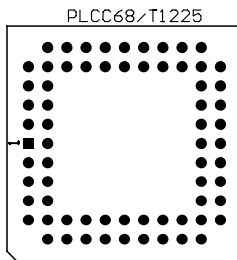
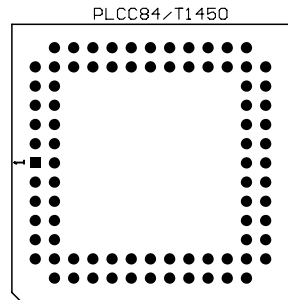
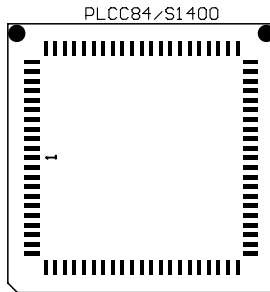
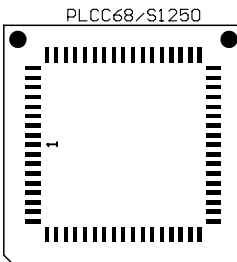
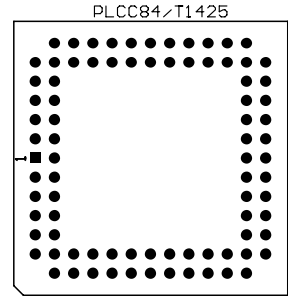
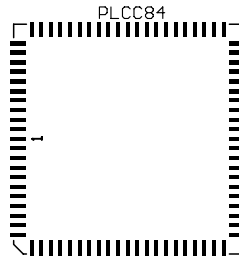
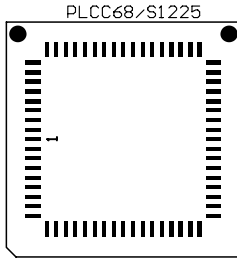
REVISION 6.80

PLCC LIBRARY

PLCC.LIB

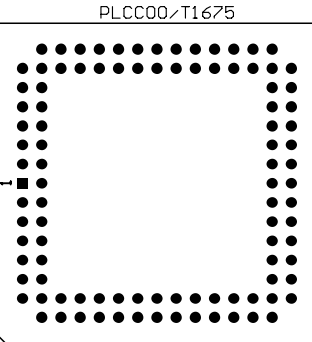
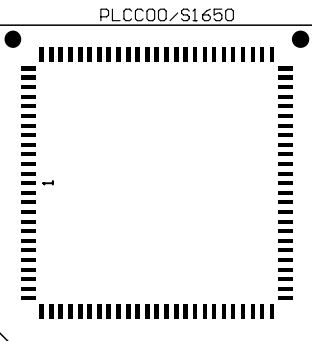
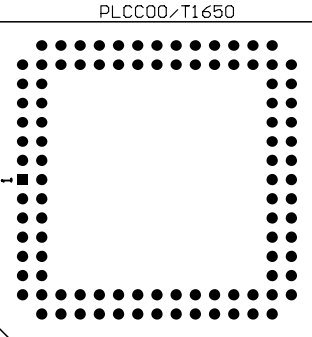
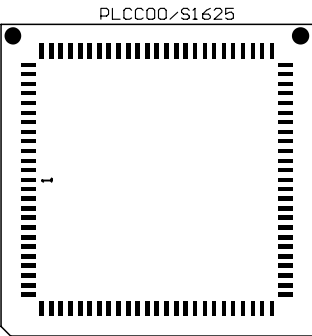
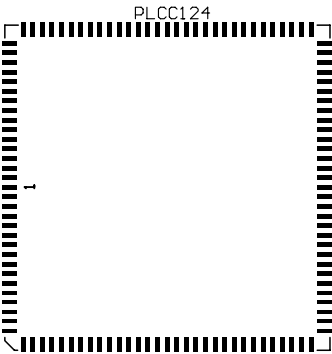
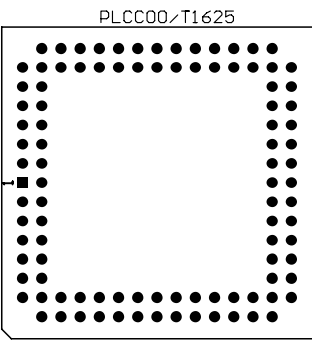
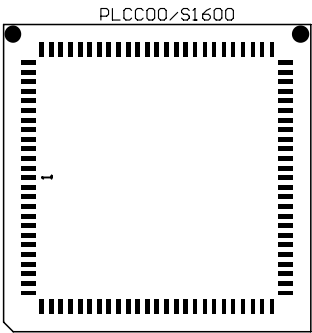
PLCC-1

PLCC



REVISION 6.80	PLCC LIBRARY	
PLCC.LIB		PLCC-2

PLCC



REVISION 6.80	PLCC LIBRARY	
PLCC.LIB		PLCC-3

QUAD.LIB

QUAD	=	QUAD Gull-Wing Styles
Number	=	Pitch
M	=	mm (default inches)
_ or C	=	_ = Corner index (default) or C = Center index
Number	=	Pin count
A, B, ...	=	Variant
S, T	=	Surface mount or Thru-hole mount socket
/G Number	=	Gull Wingspan (width between opposing GULL ends)

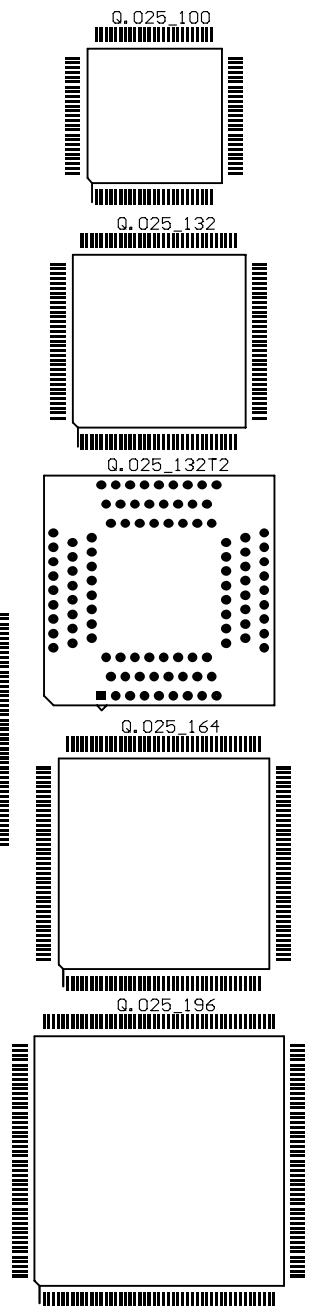
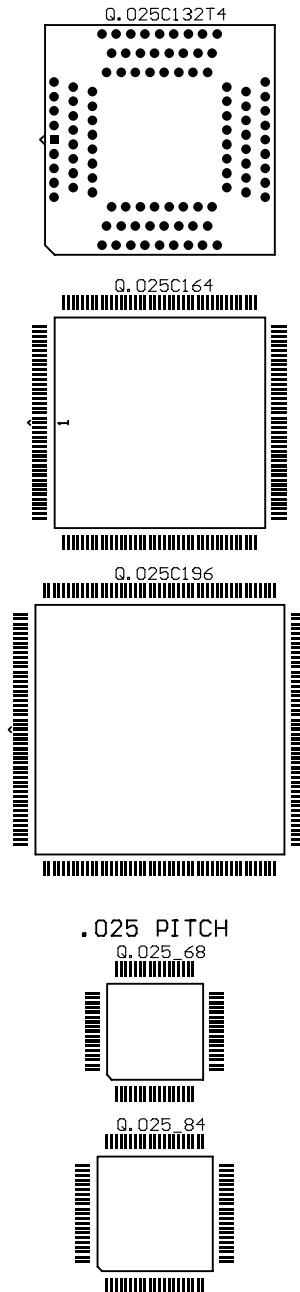
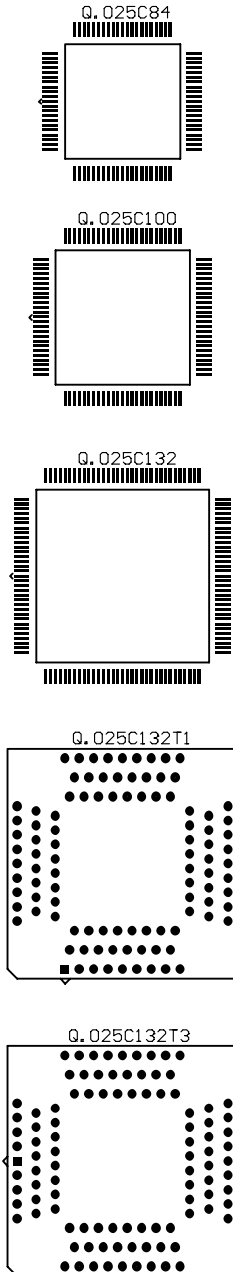
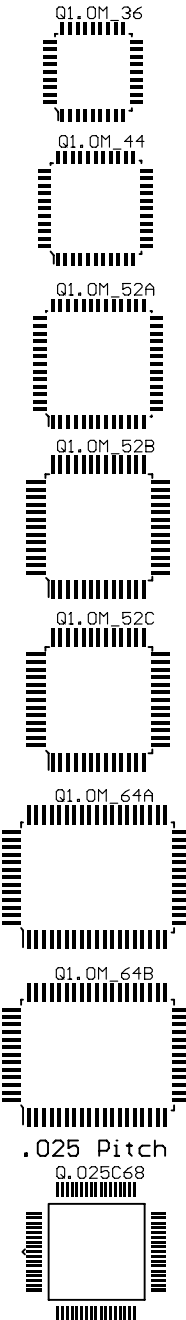
.025 inches	/ Wingspan	.050 inches	/ Wingspan	.40 mm	/ Wingspan
PIN 1 : CENTER		PIN 1 : CENTER		Q.40M_40	/G7.00
Q.025C68	/G.685	Q.050C36	/G.685	Q.40M_64	/G9.00
Q.025C84	/G.785	Q.050C44	/G.785	Q.40M_80A	/G12.00
Q.025C100	/G.885	Q.050C52	/G.885	Q.40M_80B	/G12.60
Q.025C132	/G1.085	Q.050C68	/G1.085	Q.40M_100A	/G14.00
Q.025C132T3	/G1.085 (quad)	Q.050C84	/G1.285	Q.40M_100B	/G14.60
Q.025C132T4	/G1.085 (quad)	Q.050C100	/G1.485	Q.40M_120A	/G16.00
Q.025C164	/G1.285			Q.40M_120B	/G16.60
Q.025C196	/G1.485			Q.40M_176A	/G22.00
		PIN 1 : CORNER		Q.40M_176B	/G22.60
		Q.050_36	/G.685	Q.40M_216A	/G26.00
		Q.050_44	/G.785	Q.40M_216B	/G26.60
		Q.050_52	/G.885	Q.40M_256A	/G30.00
Q.025_68	/G.685	Q.050_68	/G1.085	Q.40M_256B	/G30.60
Q.025_84	/G.785	Q.050_84	/G1.285	Q.40M_296	/G34.60
Q.025_100	/G.885	Q.050_100	/G1.485	Q.40M_336	/G38.60
Q.025_132	/G1.085			Q.40M_376	/G42.60
Q.025_132T1	/G1.085 (quad)				
Q.025_132T2	/G1.085 (quad)				
Q.025_164	/G1.285				
Q.025_196	/G1.485				
Q.025_196T1	/G1.480 (quad)				

.50 mm	/ Wingspan	.65 mm	/ Wingspan	.80 mm	/ Wingspan
Q.50M_32	/G7.00	Q.65M_40	/G9.00	Q.80M_32	/G9.00
Q.50M_48	/G9.00	Q.65M_52A	/G12.00	Q.80M_44	/G13.45
Q.50M_64A	/G12.00	Q.65M_52B	/G13.45	Q.80M_44A	/G12.00
Q.50M_64B	/G12.60	Q.65M_52C	/G14.15	Q.80M_44B	/G14.15
Q.50M_80A	/G14.00	Q.65M_64	/G14.00	Q.80M_52	/G14.00
Q.50M_80B	/G14.60	Q.65M_80A	/G16.00	Q.80M_64A	/G16.00
Q.50M_100A	/G16.00	Q.65M_80B	/G17.45	Q.80M_64B	/G17.45
Q.50M_100B	/G16.10	Q.65M_80C	/G18.15	Q.80M_64C	/G18.15
Q.50M_100C	/G16.60	Q.65M_80S1	/G18.90	Q.80M_80A	/G17.45X23.45
Q.50M_128A	/G16.00X22.00	Q.65M_88	/G19.45	Q.80M_80B	/G18.15X24.15
Q.50M_128B	/G22.60	Q.65M_100A	/G16.00X22.00	Q.80M_120A	/G31.45
Q.50M_144A	/G22.00	Q.65M_100B	/G17.45X23.45	Q.80M_120B	/G32.15
Q.50M_144B	/G22.60	Q.65M_100C	/G18.15X24.15	Q.80M_128A	/G31.45
Q.50M_176A	/G26.00	Q.65M_112A	/G22.00	Q.80M_128B	/G32.15
Q.50M_176B	/G26.60	Q.65M_112B	/G23.45		
Q.50M_208A	/G30.00	Q.65M_136	/G27.45	1.0 mm	
Q.50M_208B	/G30.60	Q.65M_144A	/G31.45	Q1.0M_36	/G12.00
Q.50M_208C	/G30.50	Q.65M_144B	/G32.15	Q1.0M_44	/G14.00
Q.50M_208S1	/G34.00	Q.65M_144T1	/G31.45 (quad)	Q1.0M_52A	/G16.00
Q.50M_216	/G30.10	Q.65M_160A	/G30.00	Q1.0M_52B	/G17.45
Q.50M_240	/G34.60	Q.65M_160B	/G31.45	Q1.0M_52C	/G18.15
Q.50M_272	/G38.60	Q.65M_160C	/G32.15	Q1.0M_52C	/G18.15
Q.50M_304A	/G42.60	Q.65M_160S1	/G32.49	Q1.0M_64A	/G17.45X23.45
Q.50M_304B	/G42.80	Q.65M_160T1	/G31.45 (quad)	Q1.0M_64B	/G18.15X24.15
Q.50M_304S1	/G45.28	Q.65M_184A	/G35.45		
		Q.65M_184B	/G36.15		
		Q.65M_232A	/G43.45		
		Q.65M_232B	/G44.15		

QUAD

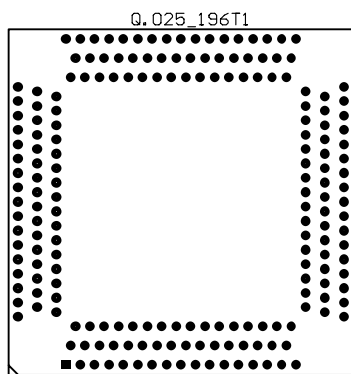
REFER TO LISTING FOR FULL NAME DESCRIPTION

1.0 mm PITCH

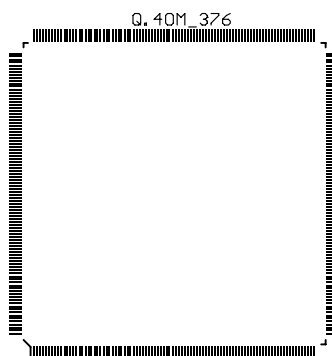
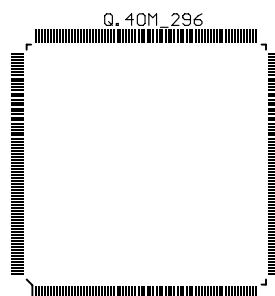
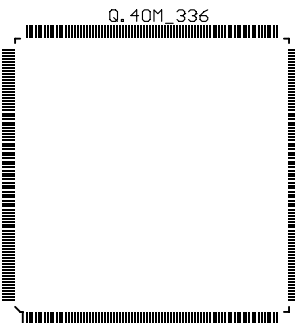
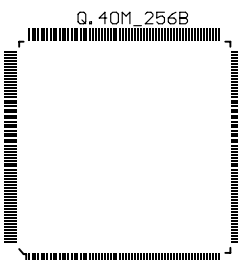
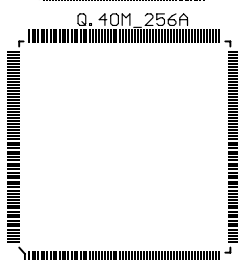
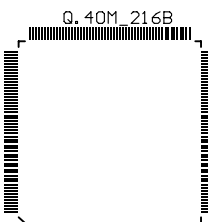
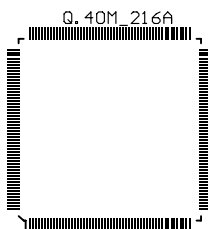
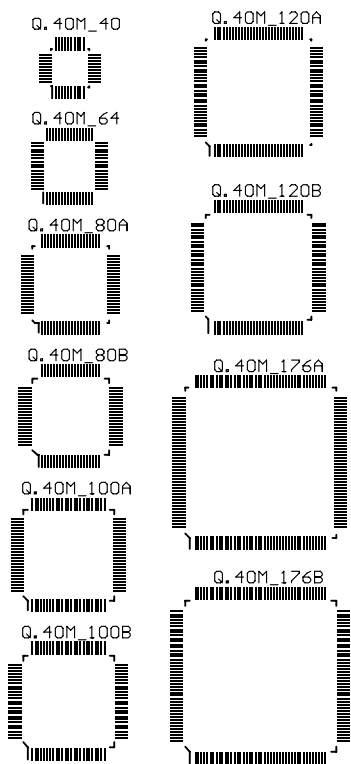


REVISION 6.80	QUAD LIBRARY	
QUAD.LIB		QUAD-1

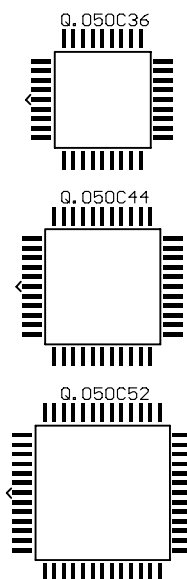
QUAD



.40 mm PITCH



.050 PITCH

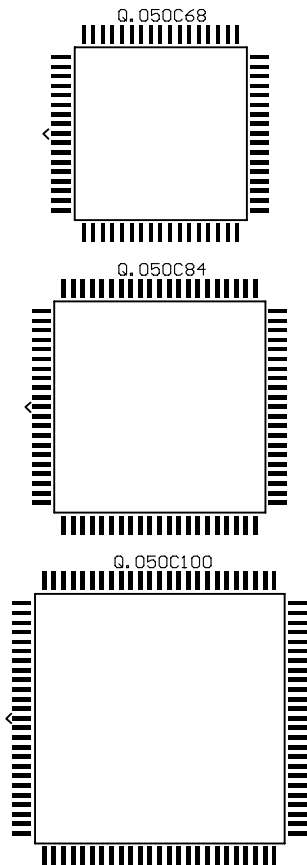


REVISION 6.80

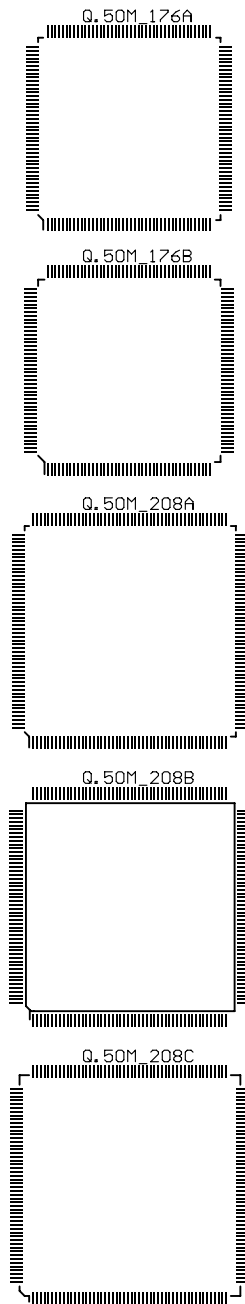
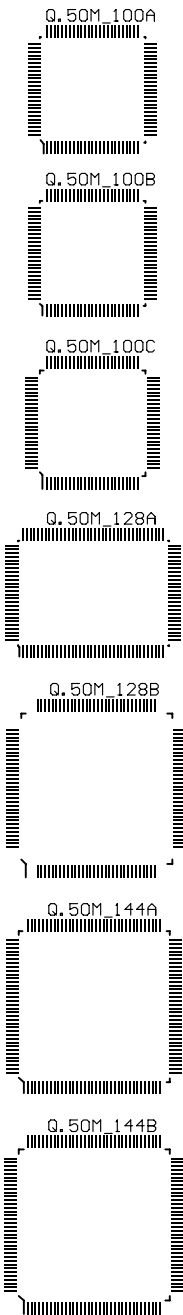
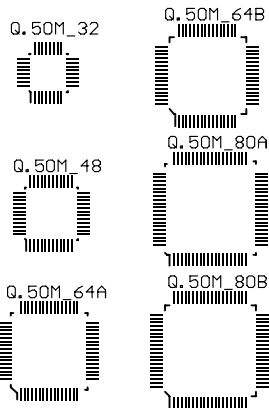
QUAD LIBRARY

QUAD.LIB

QUAD



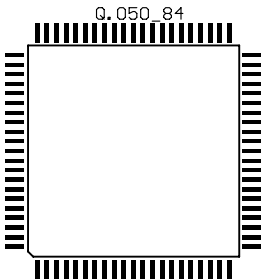
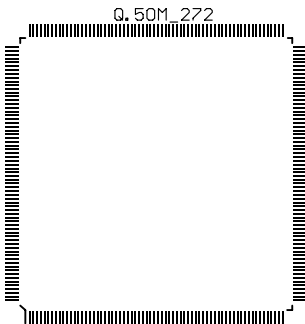
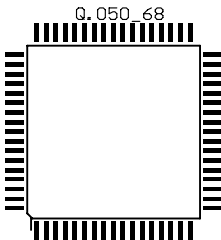
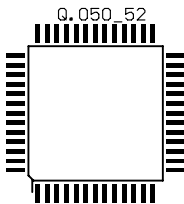
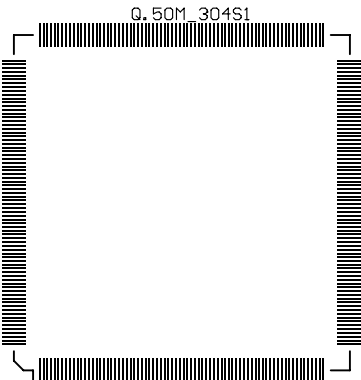
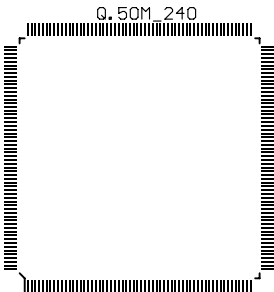
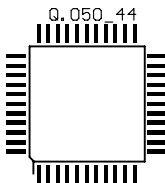
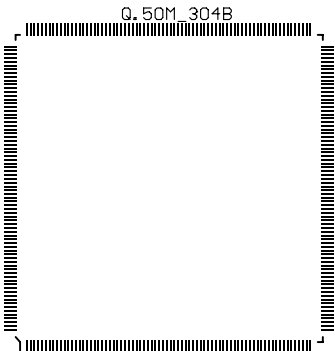
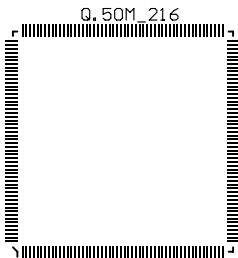
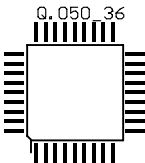
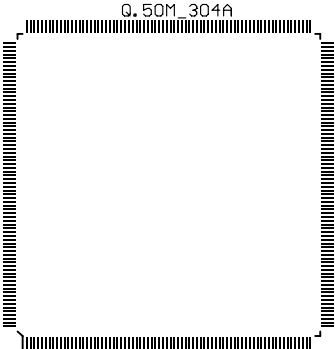
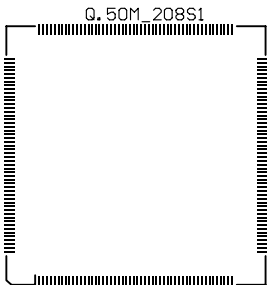
.50 mm PITCH



REVISION 6.80	QUAD LIBRARY	
QUAD.LIB		QUAD-3

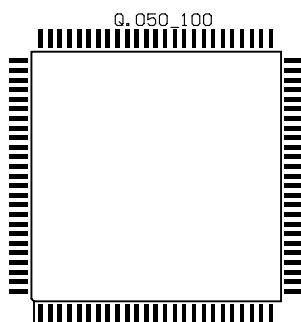
QUAD

.050 PITCH



REVISION 6.80	QUAD LIBRARY	
QUAD.LIB		QUAD-4

QUAD

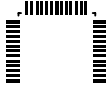


.65 mm PITCH

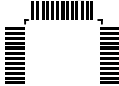
Q.65M_40



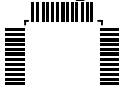
Q.65M_52A



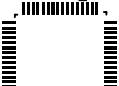
Q.65M_52B



Q.65M_52C



Q.65M_64



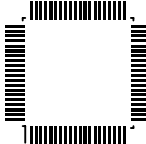
Q.65M_80A



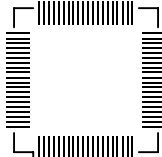
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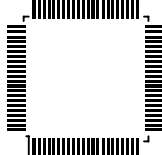
Q.65M_80C



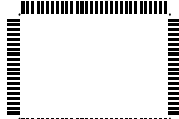
Q.65M_80S1



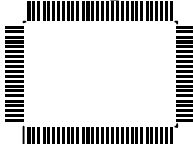
Q.65M_88



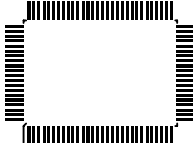
Q.65M_100A



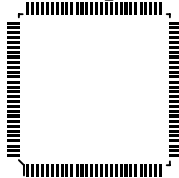
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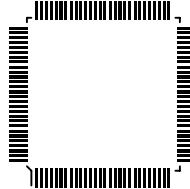
Q.65M_100C



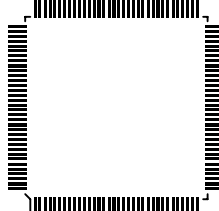
Q.65M_112A



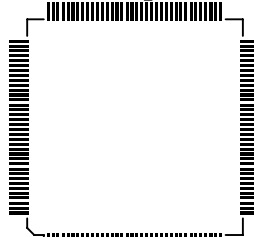
Q.65M_112B



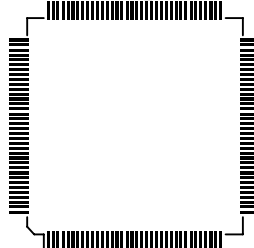
Q.65M_136



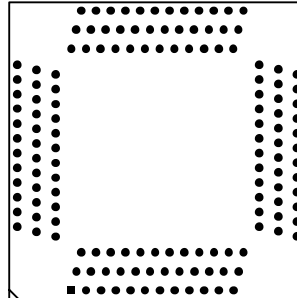
Q.65M_144A



Q.65M_144B



Q.65M_144T1



REVISION 6.80

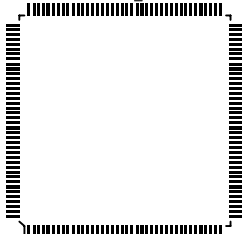
QUAD LIBRARY

QUAD.LIB

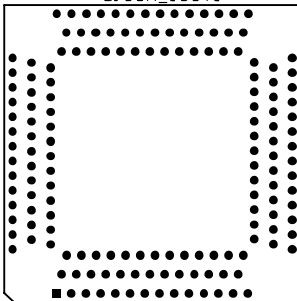
QUAD-5

QUAD

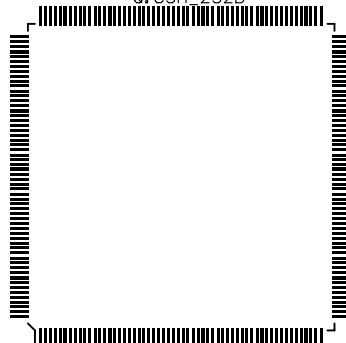
Q.65M_160A



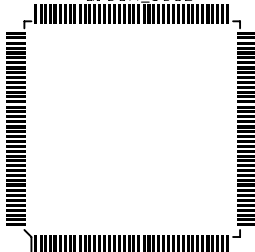
Q.65M_160T1



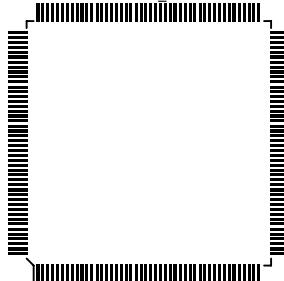
Q.65M_232B



Q.65M_160B



Q.65M_184A

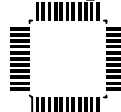


.80 mm PITCH

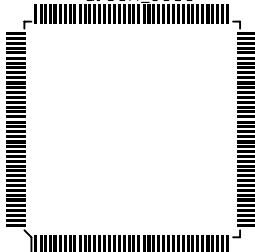
Q.80M_32



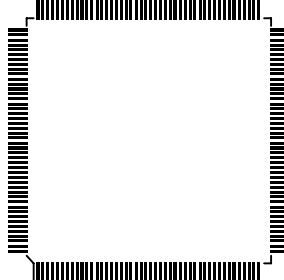
Q.80M_44



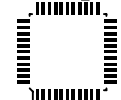
Q.65M_160C



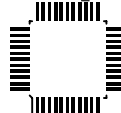
Q.65M_184B



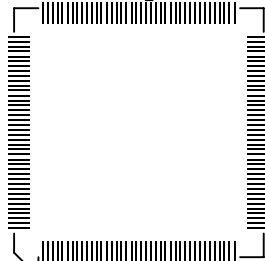
Q.80M_44A



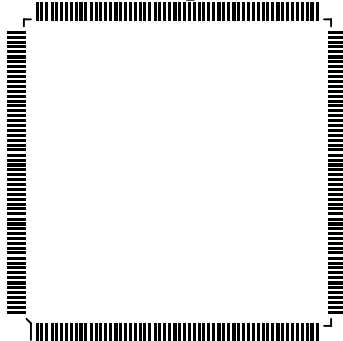
Q.80M_44B



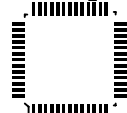
Q.65M_160S1



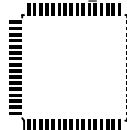
Q.65M_232A



Q.80M_52



Q.80M_64A



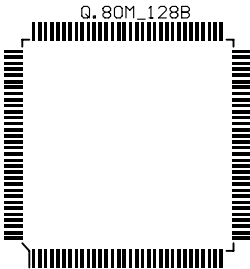
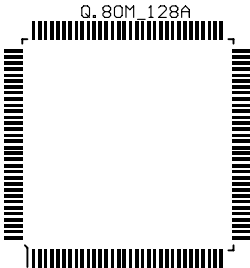
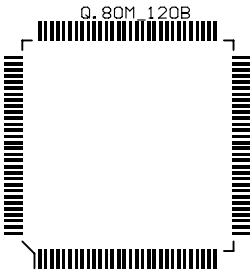
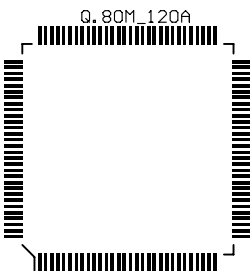
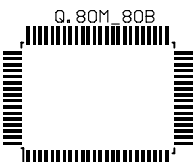
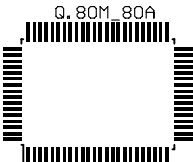
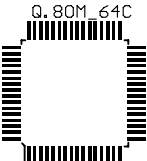
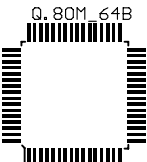
REVISION 6.80

QUAD LIBRARY

QUAD.LIB

QUAD-6

QUAD



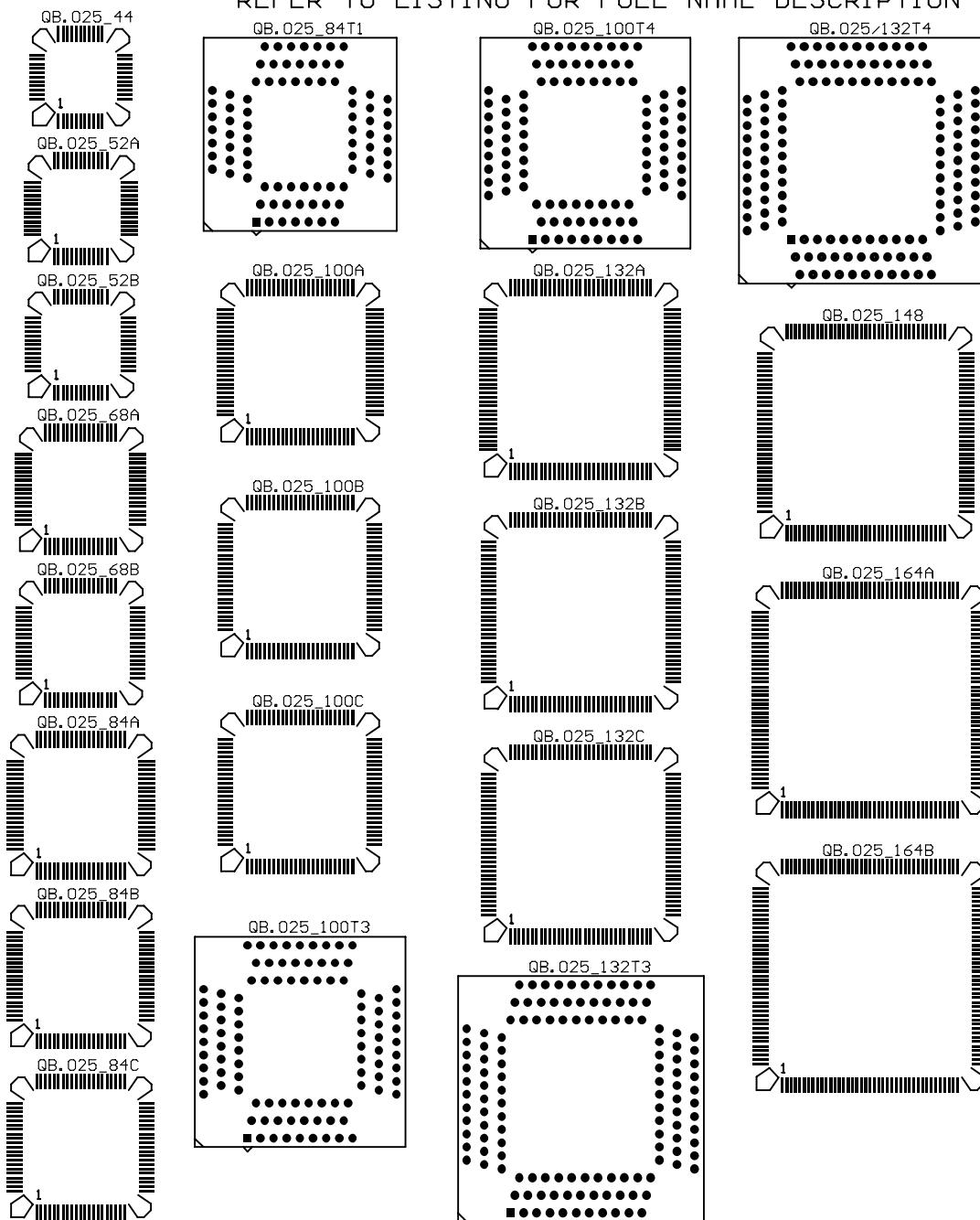
REVISION 6.80	QUAD LIBRARY	
QUAD.LIB		QUAD-7

QB	=	QUAD, Bumpered Gull Wing Styles
.025	=	Pitch in mils
_ or C	=	_ = Corner index (default) or C = Center index
Number	=	Pin count
A, B, ...	=	Variant
S, T	=	Surface mount or Thru-hole mount socket style
/G Number	=	Gull Wingspan (Width between opposing GULL ends)

Corner Index	/ Wingspan	Center Index	/ Wingspan
QB.025_100A	/G.880	QB.025C100A	/G.880
QB.025_100B	/G.885	QB.025C100B	/G.885
QB.025_100C	/G.890	QB.025C100C	/G.890
QB.025_100T3	/G.880 (quad)	QB.025C100T1	/G.880 (quad)
QB.025_100T4	/G.880 (quad)	QB.025C100T2	/G.880 (quad)
QB.025_132A	/G1.080	QB.025C132A	/G1.080
QB.025_132B	/G1.085	QB.025C132B	/G1.085
QB.025_132C	/G1.090	QB.025C132C	/G1.090
QB.025_132T3	/G1.080 (quad)	QB.025C132T1	/G1.080 (quad)
QB.025_132T4	/G1.080 (quad)	QB.025C132T2	/G1.080 (quad)
QB.025_148	/G1.285	QB.025C148	/G1.185
QB.025_164A	/G1.280	QB.025C164A	/G1.280
QB.025_164B	/G1.285	QB.025C164B	/G1.285
QB.025_164C	/G1.290	QB.025C164C	/G1.290
QB.025_164T1	/G1.280 (quad)	QB.025C164T2	/G1.280 (quad)
QB.025_196	/G1.480	QB.025C196	/G1.480
QB.025_196S2	/G1.600	QB.025C196S1	/G1.600
QB.025_244	/G1.780	QB.025C244	/G1.780
QB.025_44	/G.535	QB.025C44	/G.535
QB.025_52A	/G.580	QB.025C52A	/G.580
QB.025_52B	/G.585	QB.025C52B	/G.585
QB.025_68A	/G.680	QB.025C68A	/G.680
QB.025_68B	/G.685	QB.025C68B	/G.685
QB.025_84A	/G.780	QB.025C84A	/G.780
QB.025_84B	/G.785	QB.025C84B	/G.785
QB.025_84C	/G.790	QB.025C84C	/G.790
QB.025_84T1	/G.780 (quad)		

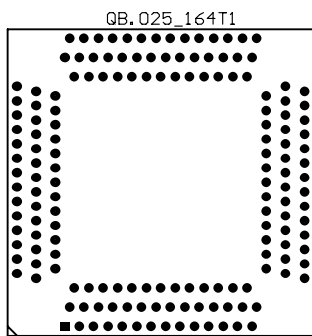
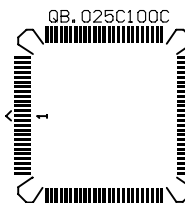
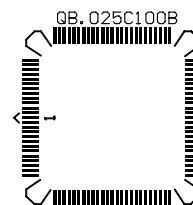
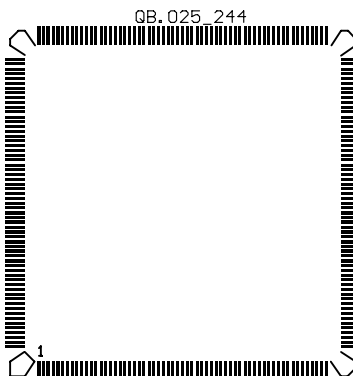
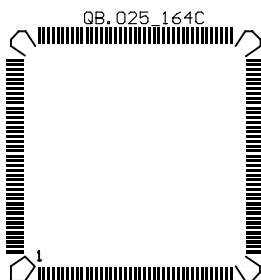
BUMPERED QUADS

REFER TO LISTING FOR FULL NAME DESCRIPTION

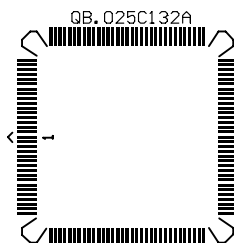
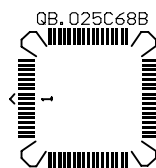
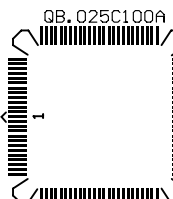
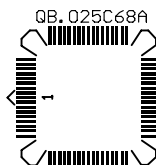
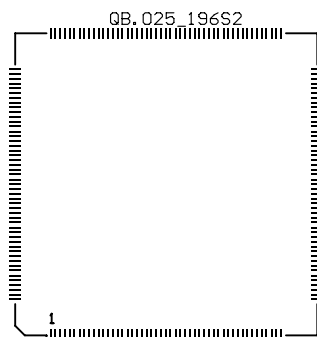
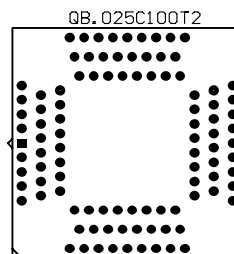
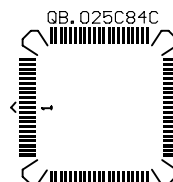
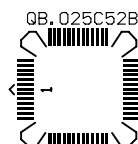
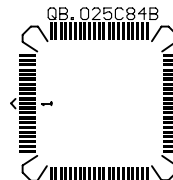
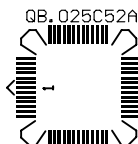
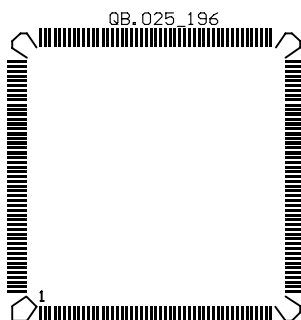
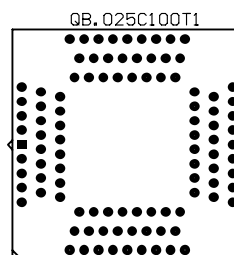
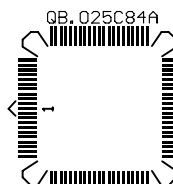
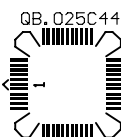


REVISION 6.80	BUMPERED QUAD LIBRARY	
QUADB.LIB		QUADB-1

BUMPERED QUADS

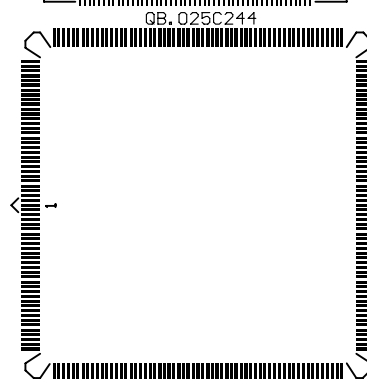
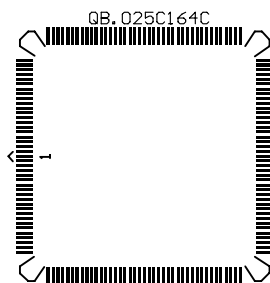
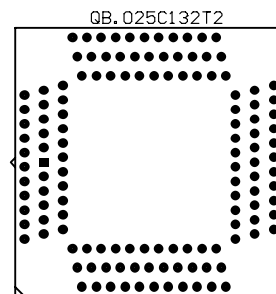
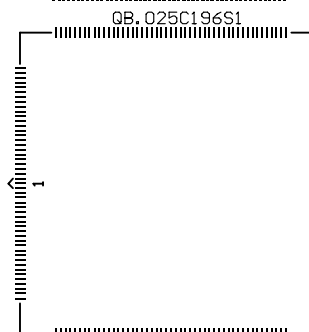
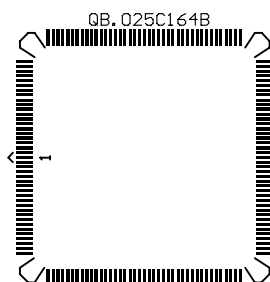
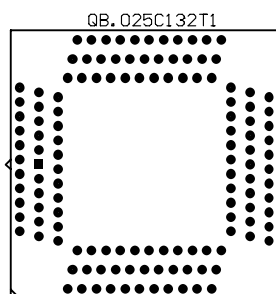
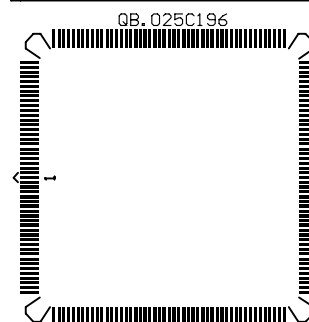
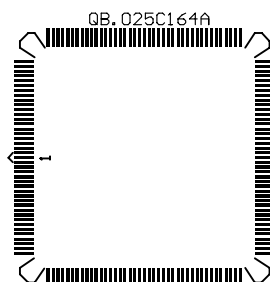
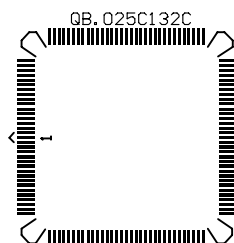
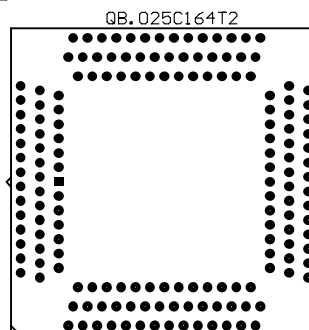
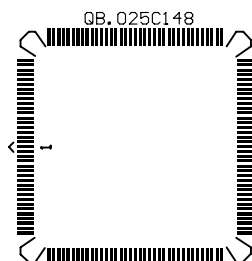
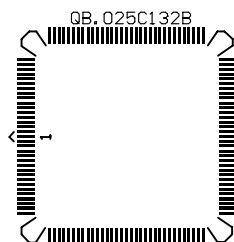


CENTER PIN 1



REVISION 6.80	BUMPERED QUAD LIBRARY	
QUADB.LIB		QUADB-2

BUMPERED QUADS



REVISION 6.80	BUMPERED QUAD LIBRARY	
QUADB.LIB		QUADB-3

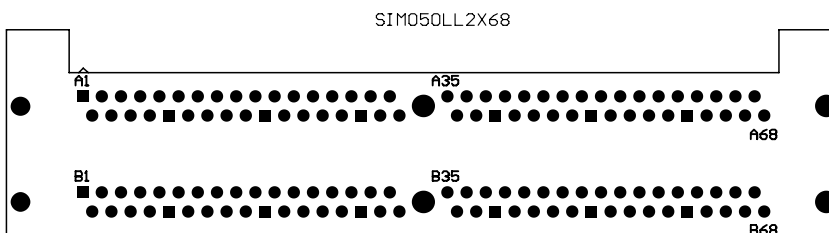
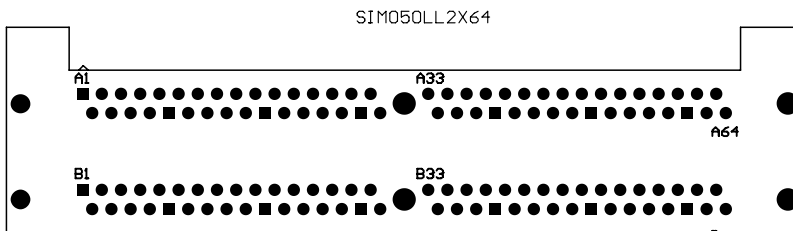
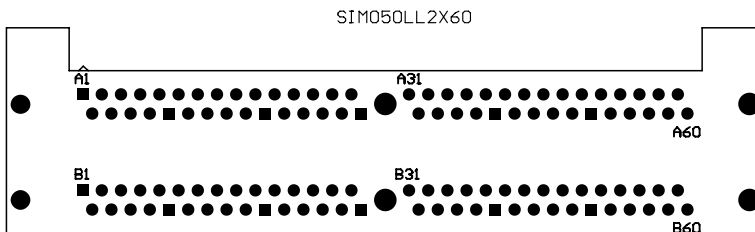
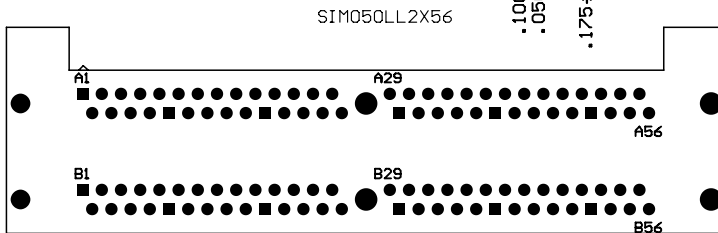
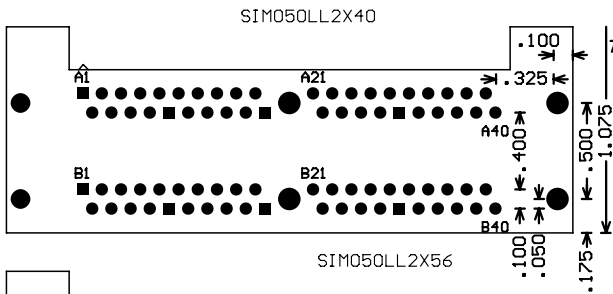
SIM	=	Single In-line Memory Module sockets
050	=	Pitch in mils
L, R, V	=	Angle (Low profile, Right angle or Vertical)
L, R	=	Polarization (Left or Right)
2X	=	Dual
Number	=	Pin count

Dual Low Profile Left Polarized	Rt. Angle Left Polarized	Dual Vertical Left Polarized	Dual Vertical Right Polarized
SIM050LL2X40	SIM050RL40	SIM050VL2X00	SIM050VR2X00
SIM050LL2X56	SIM050RL64	SIM050VL2X38	SIM050VR2X38
SIM050LL2X60	SIM050RL68	SIM050VL2X40	SIM050VR2X40
SIM050LL2X64	SIM050RL72	SIM050VL2X64	SIM050VR2X64
SIM050LL2X68	SIM050RL80	SIM050VL2X68	SIM050VR2X68
SIM050LL2X72	SIM050RL84	SIM050VL2X72	SIM050VR2X72
SIM050LL2X80		SIM050VL2X80	SIM050VR2X80
Low Profile Left Polarized	Rt. Angle Right Polarized	Vertical Left Polarized	Vertical Right Polarized
SIM050LL40	SIM050RR64	SIM050VL38	SIM050VR38
SIM050LL56	SIM050RR68	SIM050VL40	SIM050VR40
SIM050LL60	SIM050RR72	SIM050VL64	SIM050VR64
SIM050LL64	SIM050RR80	SIM050VL68	SIM050VR68
SIM050LL68		SIM050VL72	SIM050VR72
SIM050LL72		SIM050VL80	SIM050VR80
SIM050LL80		SIM050VL100	SIM050VR100

SIMM .050 SOCKETS

DUAL LOW PROFILE LEFT POLAR SOCKETS

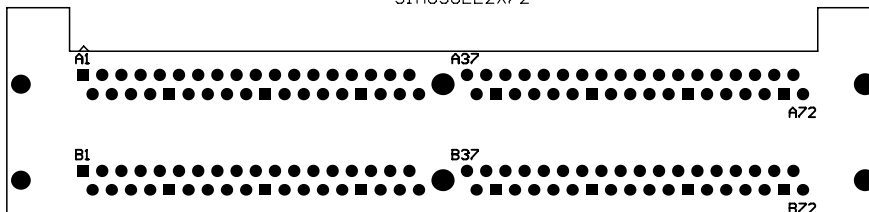
SIMM .050 / LOW PROF LEFT POL / 2 x PINS
 PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
 ALIGNMENT : .080 & .095 HOLES



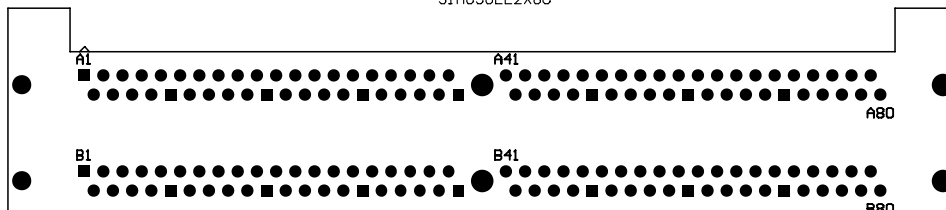
REVISION 7.00	SIMM .050 LIBRARY	
SIMM050.LIB		SIMM050-1

SIMM .050 SOCKETS

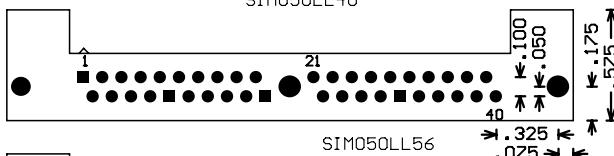
SIM050LL2X72



SIM050LL2X80



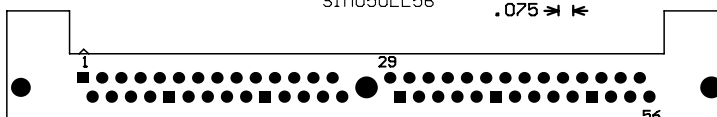
SIM050LL40



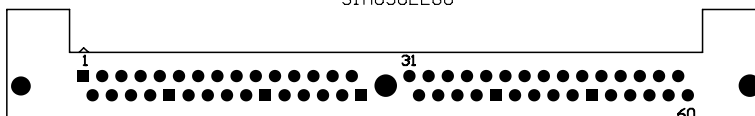
LOW PROFILE LEFT POLAR SOCKETS

SIMM .050 / LOW PROF LEFT POLARIZED / PINS
PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
ALIGNMENT : .080 & .095 HOLES

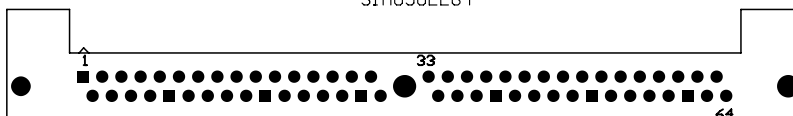
SIM050LL56



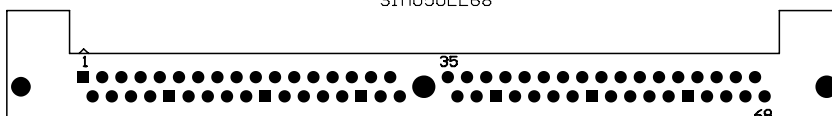
SIM050LL60



SIM050LL64



SIM050LL68



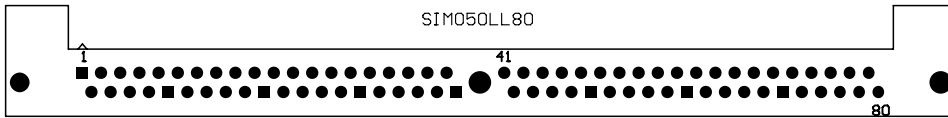
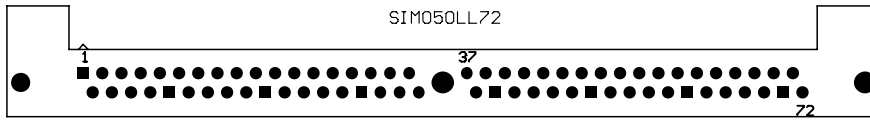
REVISION 7.00

SIMM .050 LIBRARY

SIMM050.LIB

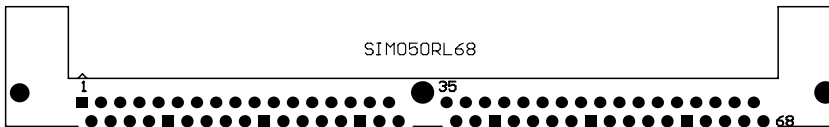
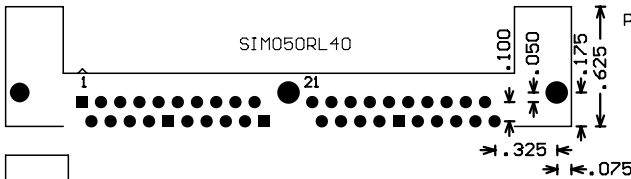
SIMM050-2

SIMM .050 SOCKETS



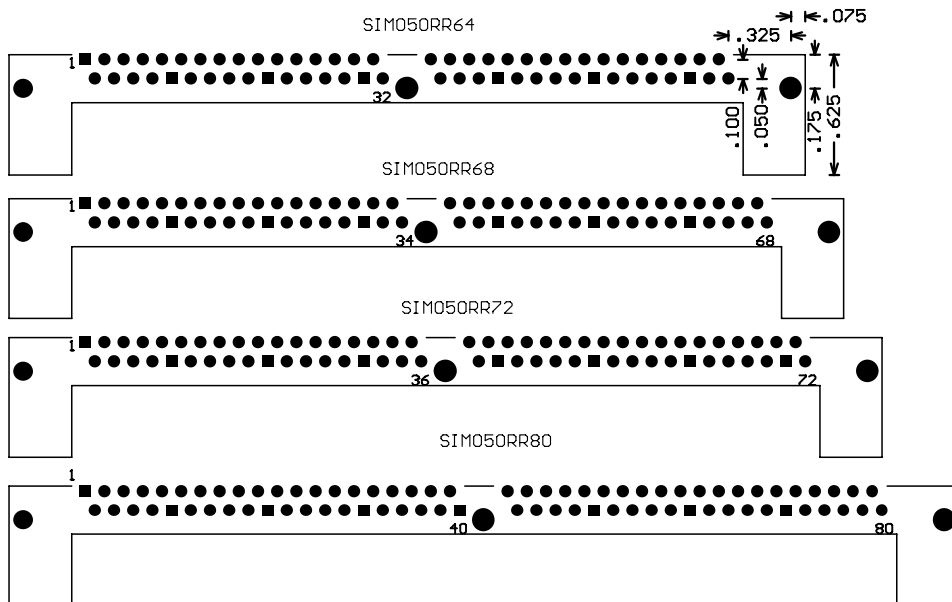
RT. ANGLE LEFT POLARIZED SOCKETS

SIMM .050 / RT. ANGLE LEFT POLAR / PINS
PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
ALIGNMENT : .080 & .096 HOLES



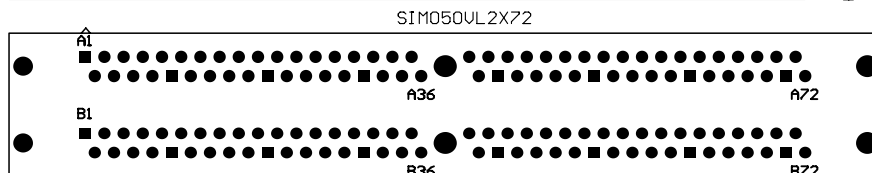
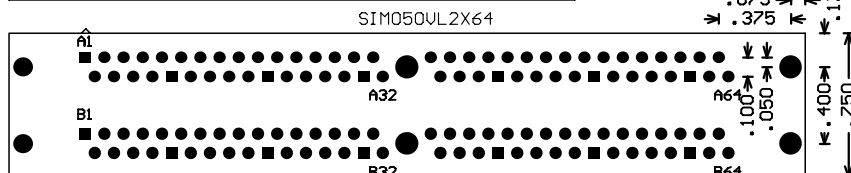
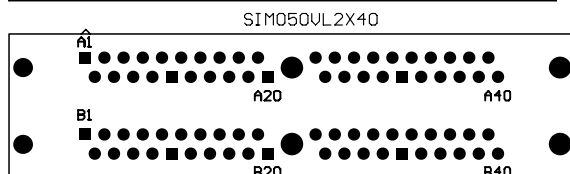
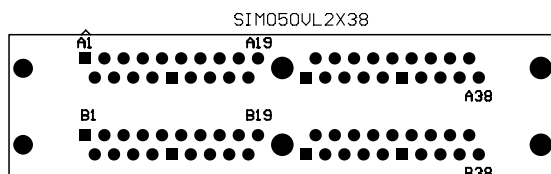
REVISION 7.00	SIMM .050 LIBRARY	
SIMM050.LIB		SIMM050-3

SIMM .050 SOCKETS



RT. ANGLE RT. POLARIZED SOCKETS

SIMM .050 / RT.ANG RIGHT POLAR / PINS
PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
ALIGNMENT : .080 & .096 HOLES



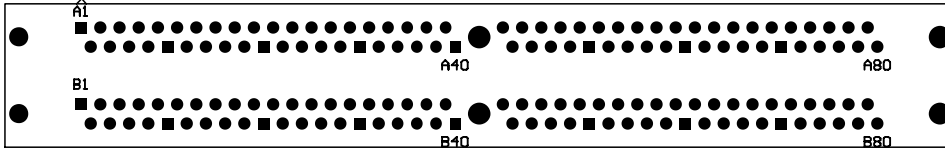
DUAL VERTICAL LEFT POLAR SOCKETS

SIMM .050 / VERTICAL LEFT POLAR / 2 x PINS
PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
ALIGNMENT : .080 & .096 HOLES

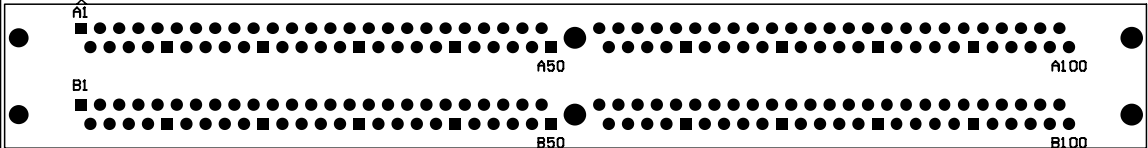
REVISION 7.00	SIMM .050 LIBRARY	
SIMM050.LIB		SIMM050-4

SIMM .050 SOCKETS

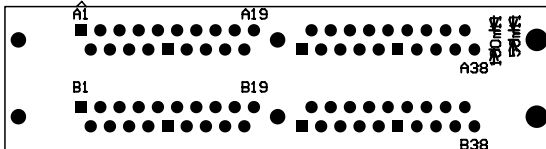
SIM050V2L80



SIM050V2L00



SIM050VR2X38



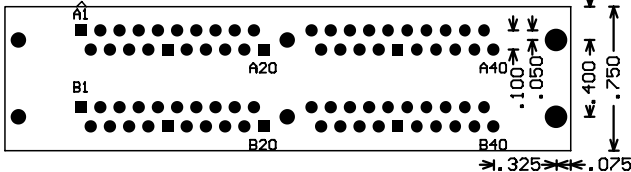
DUAL VERTICAL RT. POLARIZED SOCKETS

SIMM .050 / VERTICAL RT. POLAR / 2 x PINS

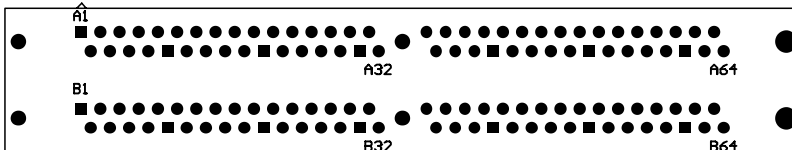
PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD

ALIGNMENT : .062 & .095 HOLES

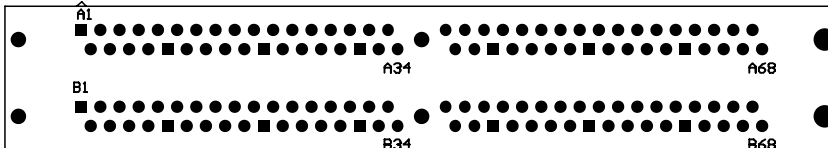
SIM050VR2X40



SIM050VR2X64



SIM050VR2X68



REVISION 7.00

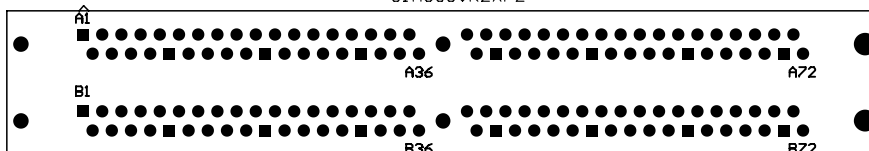
SIMM .050 LIBRARY

SIMM050.LIB

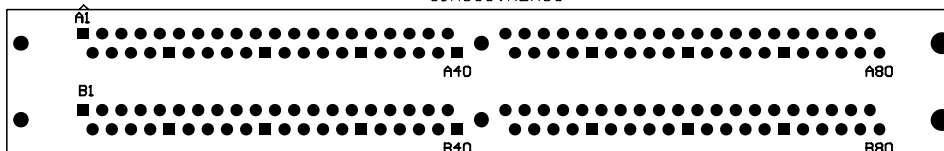
SIMM050-5

SIMM .050 SOCKETS

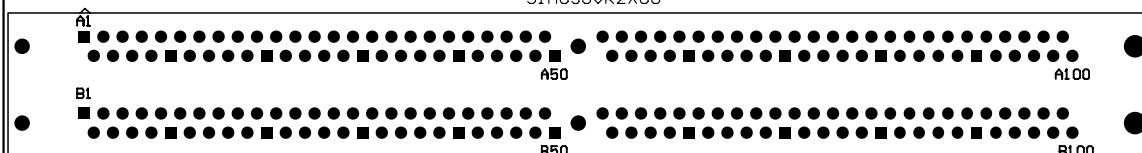
SIM050VR2X72



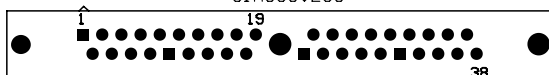
SIM050VR2X80



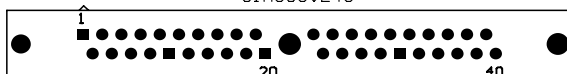
SIM050VR2X00



SIM050VL38



SIM050VL40



SIM050VL64



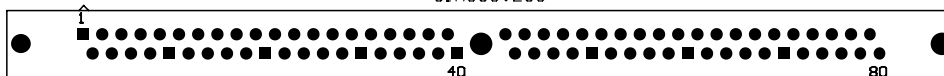
SIM050VL68



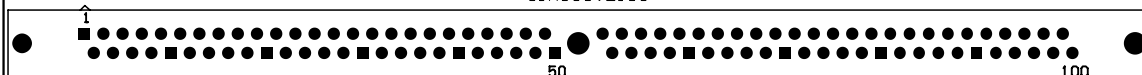
SIM050VL72



SIM050VL80



SIM050VL100



VERTICAL LEFT POLARIZED SOCKETS

SIMM .050 / VERTICAL LEFT POLARIZED / PINS

PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD

ALIGNMENT : .080 & .095 HOLES

REVISION 7.00

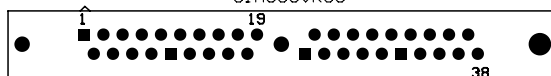
SIMM .050 LIBRARY

SIMM050.LIB

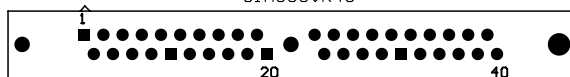
SIMM050-6

SIMM .050 SOCKETS

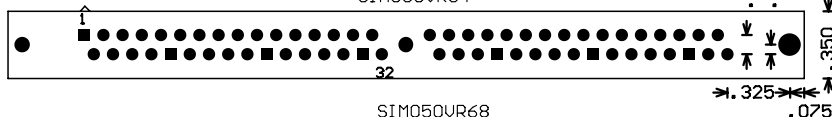
SIM050VR38



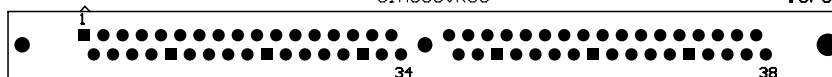
SIM050VR40



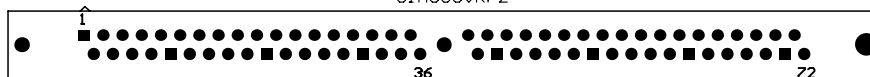
SIM050VR64



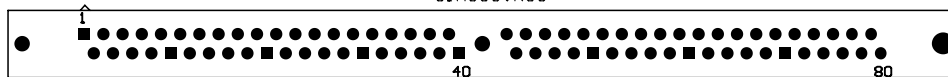
SIM050VR68



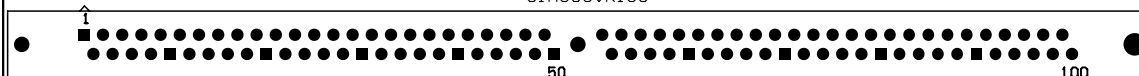
SIM050VR72



SIM050VR80



SIM050VR100



VERTICAL RT. POLARIZED SOCKETS

SIMM .050 / VERTICAL RT. POLARIZED / PINS
PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
ALIGNMENT : .080 & .095 HOLES

REVISION 7.00

SIMM .050 LIBRARY

SIMM050.LIB

SIMM050-7

SIM	=	Single In-line Memory Module sockets
100	=	Pitch in mils
L, R, V	=	Angle (Low profile, Right angle or Vertical)
Number	=	Pin count

Dual Low Profile

Rt. Angle

Dual Vertical

SIM100L2X30
SIM100L2X35
SIM100L2X40
SIM100L2X42
SIM100L2X45

SIM100R30

SIM100V2X30
SIM100V2X35
SIM100V2X40
SIM100V2X42
SIM100V2X45

Low Profile

Vertical

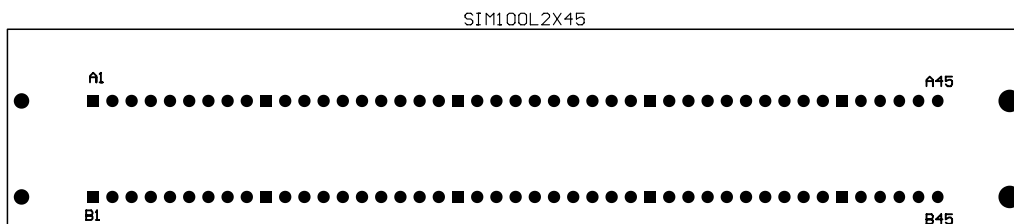
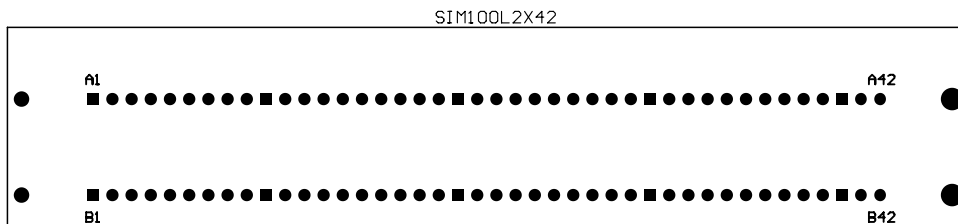
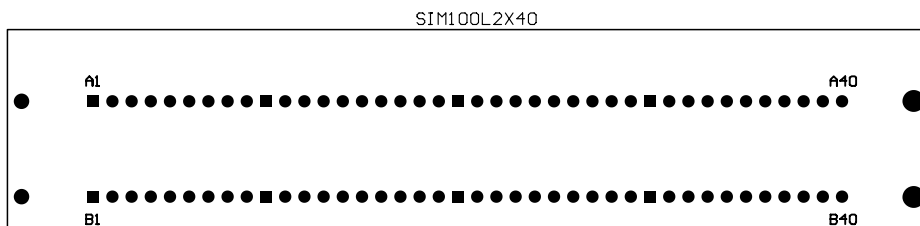
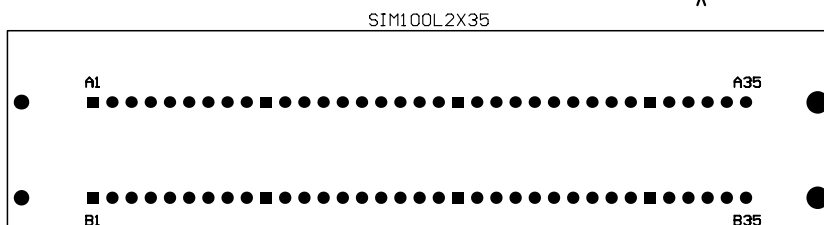
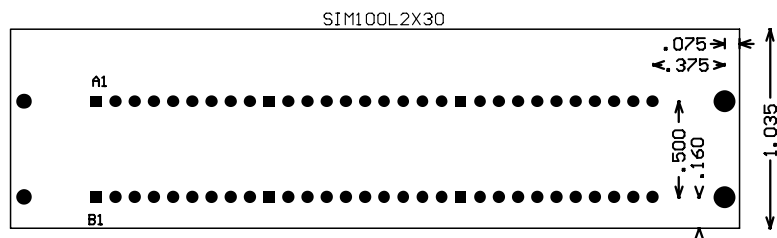
SIM100L30
SIM100L35
SIM100L40
SIM100L42
SIM100L45

SIM100V30
SIM100V35
SIM100V40
SIM100V42
SIM100V45

SIMM .100 SOCKETS

DUAL LOW PROFILE SOCKETS

SIMM .100 / LOW PROFILE / 2 x PINS
 PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
 ALIGNMENT : .062 & .095 HOLES

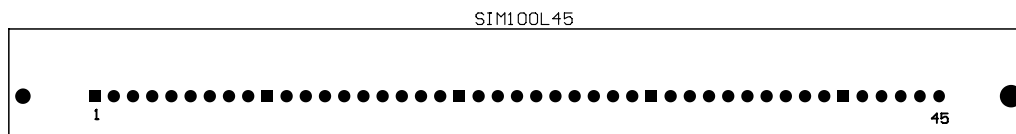
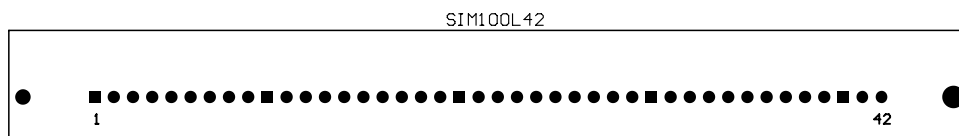
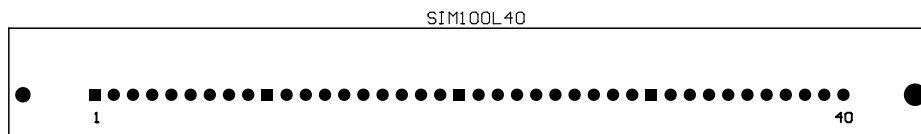
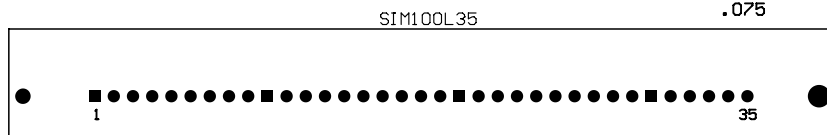
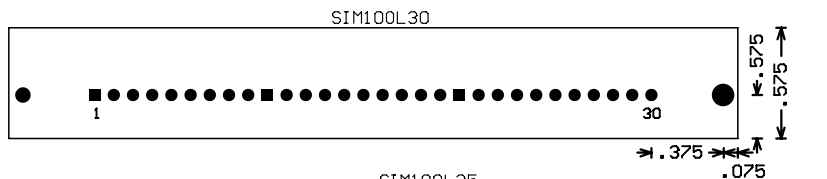


REVISION 7.00	SIMM .100 LIBRARY	
SIMM100.LIB		SIMM100-1

SIMM .100 SOCKETS

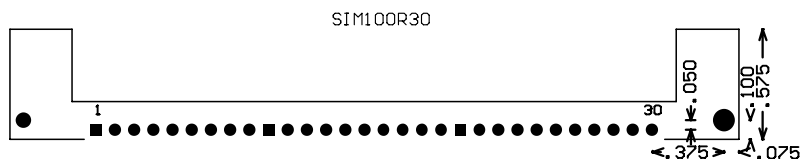
LOW PROFILE SOCKETS

SIMM .100 / LOW PROFILE / PINS
 PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
 ALIGNMENT : .062 & .095 HOLES



RT. ANGLE SOCKETS

SIMM .100 / RT. ANGLE / PINS
 PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
 ALIGNMENT : .062 & .095 HOLES

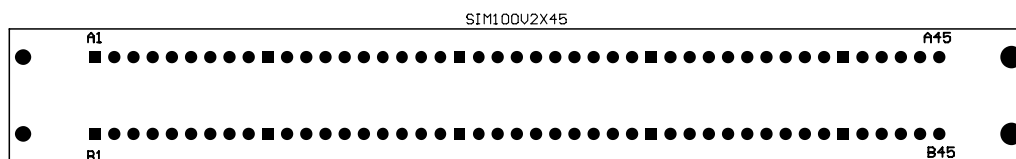
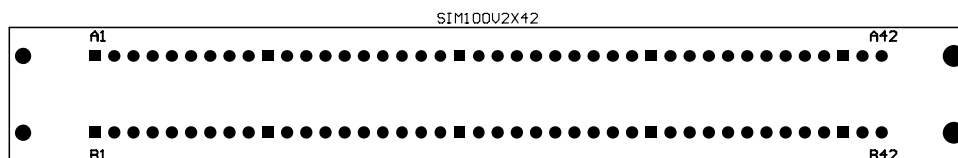
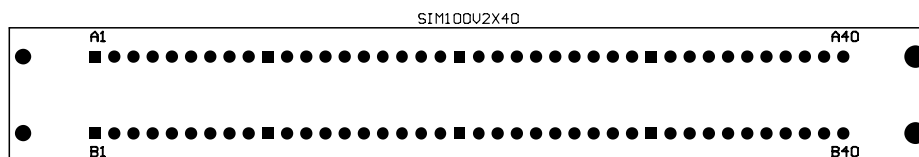
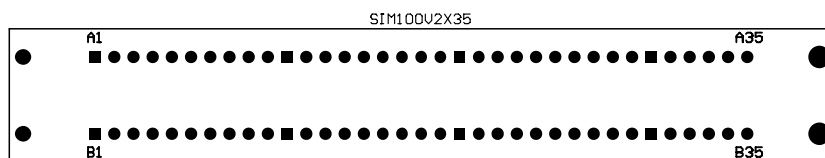
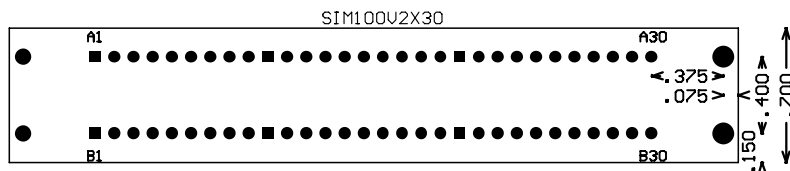


REVISION 7.00	SIMM .100 LIBRARY	
SIMM100.LIB		SIMM100-2

SIMM .100 SOCKETS

DUAL VERTICAL SOCKETS

SIMM .100 / VERTICAL / 2 x PINS
 PADSTACK : SEQUENTIAL .040 HOLE .062 PAD
 ALIGNMENT : .064 & .095 HOLES

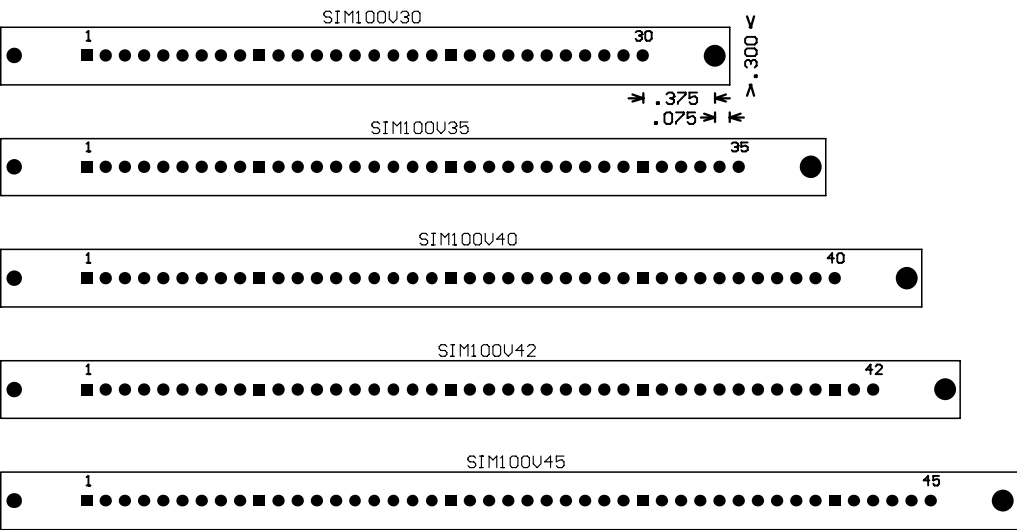


REVISION 7.00	SIMM .100 LIBRARY	
SIMM100.LIB		SIMM100-3

SIMM .100 SOCKETS

VERTICAL SOCKETS

SIMM .100 / VERTICAL / PINS
PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
ALIGNMENT : .062 & .095 HOLES



REVISION 7.00	SIMM .100 LIBRARY	
SIMM100.LIB		SIMM100-4

SIP	=	Single In-line Package components
Number	=	Pin count
D	=	Dual row mounting pads
/SM, /TM	=	Surface mount or Thru-hole mount
Number	=	Length in mils

SIPS

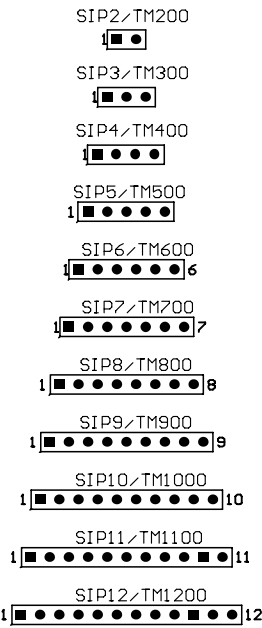
SIP2/TM200
SIP3/TM300
SIP4/TM400
SIP5/TM500
SIP6/TM600
SIP7/TM700
SIP8/SM475
SIP8/TM800
SIP9/SM525
SIP9/TM900
SIP10/SM575
SIP10/TM1000
SIP11/TM1100
SIP12/SM675
SIP12/TM1200
SIP16D/SM475
SIP18D/SM525
SIP20D/SM575
SIP24D/SM675

SIPS

PADSTACK : .034 HOLE/.055 PAD

PADSTACK : .024 X .100 PAD

PADSTACK : .024 X .040 PAD



REVISION 6.90	SIP LIBRARY	
SIP. LIB		SIP-1

Case / pinout	=	Generic Cases
SM / Type / Pinout	=	Generic Chips

DO Styles

DO213AA/12
DO213AA/21
DO213AA/CA
DO213AB/12
DO213AB/21
DO213AB/CA
DO213AC/12
DO213AC/21
DO213AC/CA
DO214AA/12
DO214AA/21
DO214AA/CA
DO214AB/12
DO214AB/21
DO214AB/CA
DO214AC/12
DO214AC/21
DO214AC/CA

MLL Styles

MLL34/12
MLL34/21
MLL34/CA
MLL41/12
MLL41/21
MLL41/CA

SC Styles

SC59/123
SC59/BEC
SC59/EBC
SC59/ECB
SC70/123
SC70/BEC
SC70/EBC
SC70/ECB

Chip Caps

SM/C/0402
SM/C/0504
SM/C/0603
SM/C/0805
SM/C/1206
SM/C/1210
SM/C/1812
SM/C/1825

Chip Tantalums

SM/CT/3216
SM/CT/3216PN
SM/CT/3528
SM/CT/3528PN
SM/CT/6032
SM/CT/6032PN
SM/CT/7343
SM/CT/7343PN

Chip Diodes

SM/D/0805/12
SM/D/0805/21
SM/D/0805/CA
SM/D/1206/12
SM/D/1206/21
SM/D/1206/CA
SM/D/1406/12
SM/D/1406/21
SM/D/1406/CA
SM/D/2309/12
SM/D/2309/21
SM/D/2309/CA

Chip Inductors

SM/L/0805
SM/L/1110
SM/L/1206
SM/L/1210
SM/L/1212
SM/L/1614
SM/L/1806
SM/L/1812
SM/L/2015
SM/L/2220
SM/L/3312

Chip Resistors

SM/R/0402
SM/R/0603
SM/R/0805
SM/R/1206
SM/R/1210
SM/R/2010
SM/R/2512

SOD Styles

SOD87/12
SOD87/21
SOD87/CA

SOT Styles

SOT23/123
SOT23/231
SOT23/312
SOT23/BCE
SOT23/BEC
SOT23/CBE
SOT23/DGS
SOT23/DSG
SOT23/EBC
SOT23/ECB
SOT23/GDS
SOT23/GSD
SOT23/SDG
SOT23/SGD

SOT89/1-34
SOT89/1234
SOT89/EBCB#
SOT89/SDGD#

SOT143/1234
SOT143/BCEC#
SOT143/CBEE#
SOT143/CEBE#
SOT223/1234
SOT223/ACNC#
SOT223/BCEC#
SOT223/GDSD#
SOT223/SDGD#

Miscellaneous

DPAK
SM/SMB

SM DISCRETES

DO

D0213AA/12



D0213AA/21



D0213AA/CA



D0213AB/12



D0213AB/21



D0213AB/CA



D0213AC/12



D0213AC/21



D0213AC/CA



D0214AA/12



D0214AA/21



D0214AA/CA



D0214AB/12



D0214AB/21



D0214AB/CA



D0214AC/12



D0214AC/21



D0214AC/CA



MLL

MLL34/12



MLL34/21



MLL34/CA



MLL41/12



MLL41/21



MLL41/CA



SC59

SC59/123



SC59/BEC



SC59/EBC



SC59/ECB



SC70

SC70/ECB



SC70/123



SC70/BEC



SC70/EBC



C CHIP

SM/C/0402



SM/C/0504



SM/C/0603



SM/C/0805



SM/C/1206



SM/C/1210



SM/C/1812



SM/C/1825



TANT CHIP

SM/CT/3216



SM/CT/3216PN



SM/CT/3528



SM/CT/3528PN



SM/CT/6032



SM/CT/6032PN



SM/CT/7343



SM/CT/7343PN



D CHIP

SM/D/0805/12



SM/D/0805/21



SM/D/0805/CA



SM/D/1206/12



SM/D/1206/21



SM/D/1206/CA



SM/D/1406/12



SM/D/1406/21



SM/D/1406/CA



SM/D/2309/12



SM/D/2309/21



SM/D/2309/CA



L CHIP

SM/L/0805



SM/L/1110



SM/L/1206



SM/L/1210



SM/L/1212



SM/L/1614



SM/L/1806



SM/L/1812



SM/L/2015



SM/L/2220



SM/L/3312



REVISION 6.80

SM DISCRETE LIBRARY

SM.LIB

SM-1

SM DISCRETES

R CHIP

SM/R/0402



SM/R/0603



SM/R/0805



SM/R/1206



SM/R/1210



SM/R/2010



SM/R/2512



SOD

SOD87/12



SOD87/21



SOD87/CA



SOT 23

SOT23/123



SOT23/231



SOT23/312



SOT23/BCE



SOT23/BEC



SOT23/CBE



SOT23/DGS



SOT23/DSG



SOT23/EBC



SOT23/ECB



SOT23/GDS



SOT23/GSD



SOT23/SDG



SOT23/SGD



SOT 89

SOT89/1-34



SOT89/1234



SOT89/EBCB#



SOT89/SDGD#



SOT 143

SOT143/1234



SOT143/BCEC#



SOT143/CBEE#



SOT143/CEBE#



SOT 223

SOT223/1234



SOT223/ACNC#



SOT223/BCEC#



SOT223/GDSD#



SOT223/SDGD#



MISC

DPak



SM/SMB



REVISION 6.80

SM DISCRETE LIBRARY

SM.LIB

SM-2

SM_GULLS.LIB

SOG	=	Small Outline Gull-wing IC Families - SOIC, SOP, TSOP, ...
Number	=	Pitch
M	=	mm (default inches)
/ Number	=	Pin count
A, B, C, ...	=	Variant
/ W x L	=	Gulls width (MAX) x Length specifier

.025 inch Gulls (max) x Length

SOG.025/28A /WG.420/L.375
 SOG.025/28B /WG.420/L.400
 SOG.025/48A /WG.420/L.600
 SOG.025/48B /WG.420/L.625
 SOG.025/48C /WG.420/L.650
 SOG.025/56A /WG.420/L.700
 SOG.025/56B /WG.420/L.725

.050 inch / Gulls (max) x Length

SOG.050/10A /WG.275/L.350
 SOG.050/12A /WG.275/L.350
 SOG.050/14A /WG.244/L.325
 SOG.050/14B /WG.244/L.350
 SOG.050/14C /WG.244/L.375
 SOG.050/14D /WG.275/L.450
 SOG.050/14E /WG.420/L.350
 SOG.050/14F /WG.420/L.375
 SOG.050/16A /WG.244/L.375
 SOG.050/16B /WG.244/L.400
 SOG.050/16C /WG.244/L.425
 SOG.050/16D /WG.350/L.450
 SOG.050/16E /WG.420/L.400
 SOG.050/16F /WG.420/L.425
 SOG.050/18A /WG.350/L.550
 SOG.050/20A /WG.350/L.550
 SOG.050/20B /WG.420/L.500
 SOG.050/20C /WG.420/L.525
 SOG.050/20D /WG.420/L.550
 SOG.050/22A /WG.425/L.650
 SOG.050/24A /WG.420/L.600
 SOG.050/24B /WG.420/L.625
 SOG.050/24C /WG.425/L.650
 SOG.050/24D /WG.480/L.600
 SOG.050/24E /WG.480/L.625
 SOG.050/28A /WG.420/L.700
 SOG.050/28B /WG.420/L.725

SOG.050/28C /WG.480/L.700
 SOG.050/28D /WG.480/L.725
 SOG.050/28E /WG.500/L.750
 SOG.050/30A /WG.500/L.850
 SOG.050/32A /WG.420/L.800
 SOG.050/32B /WG.420/L.825
 SOG.050/32C /WG.420/L.850
 SOG.050/32D /WG.480/L.825
 SOG.050/32E /WG.480/L.850
 SOG.050/32F /WG.575/L.850
 SOG.050/36A /WG.575/L.950
 SOG.050/38A /WG.480/L.900
 SOG.050/38B /WG.480/L.925
 SOG.050/40A /WG.650/L1.100
 SOG.050/42A /WG.650/L1.100
 SOG.050/44A /WG.642/L1.150
 SOG.050/6A /WG.275/L.250
 SOG.050/8A /WG.244/L.175
 SOG.050/8B /WG.244/L.200
 SOG.050/8C /WG.244/L.225
 SOG.050/8D /WG.275/L.250
 SOG.050/8E /WG.420/L.200
 SOG.050/8F /WG.420/L.225

.30mm / Gulls (max) x Length

SOG.30M/36A /WG20.20/L6.20
 SOG.30M/52A /WG20.20/L8.20
 SOG.30M/64A /WG20.20/L10.20
 SOG.30M/76A /WG20.20/L12.20

.40mm / Gulls (max) x Length

SOG.40M/24A /WG16.20/L6.40
 SOG.40M/28A /WG18.20/L6.20
 SOG.40M/40A /WG18.20/L8.20
 SOG.40M/48A /WG18.20/L10.20
 SOG.40M/60A /WG18.20/L12.20

.50mm / Gulls (max) x Length

SOG.50M/32A	/WG16.20/L8.20
SOG.50M/32B	/WG20.20/L8.25
SOG.50M/40A	/WG16.20/L10.20
SOG.50M/40B	/WG20.20/L10.60
SOG.50M/48A	/WG8.40/L12.70
SOG.50M/48B	/WG8.40/L13.33
SOG.50M/48C	/WG16.20/L12.20
SOG.50M/56A	/WG8.40/L13.97
SOG.50M/56B	/WG8.40/L14.60
SOG.50M/56C	/WG20.20/L14.60

.65mm / Gulls (max) x Length

SOG.65M/8A	/WG8.20/L3.17
SOG.65M/8B	/WG8.20/L3.80
SOG.65M/14A	/WG8.20/L6.35
SOG.65M/14B	/WG8.20/L6.98
SOG.65M/16A	/WG8.20/L6.35
SOG.65M/16B	/WG8.20/L6.99
SOG.65M/16C	/WG14.20/L6.20
SOG.65M/20A	/WG8.20/L6.98
SOG.65M/20B	/WG8.20/L7.62
SOG.65M/24A	/WG8.20/L8.25
SOG.65M/24B	/WG8.20/L8.90
SOG.65M/24C	/WG14.20/L7.80
SOG.65M/28A	/WG8.20/L10.16
SOG.65M/28B	/WG8.20/L10.80
SOG.65M/28C	/WG14.20/L9.80
SOG.65M/30A	/WG8.20/L10.16
SOG.65M/30B	/WG8.20/L10.60
SOG.65M/36A	/WG14.20/L11.80
SOG.65M/38A	/WG8.20/L12.70
SOG.65M/38B	/WG8.20/L13.33

.80mm / Gulls (max) x Length

SOG.80M/64A	/WG14.50/L26.43
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SM GULL-WING IC FAMILIES

REFER TO LISTING FOR FULL DESCRIPTION

.025 PITCH



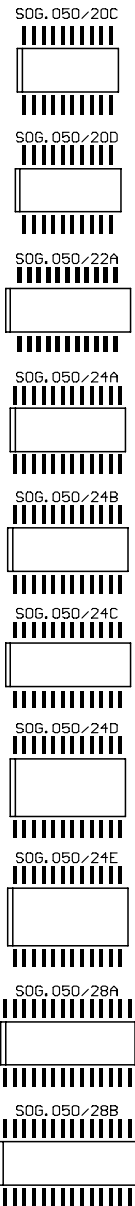
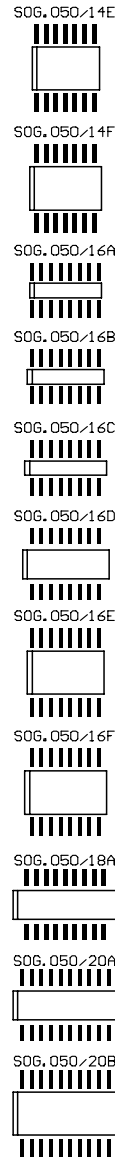
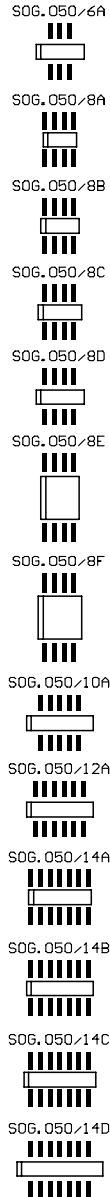
.30mm PITCH



.40mm PITCH

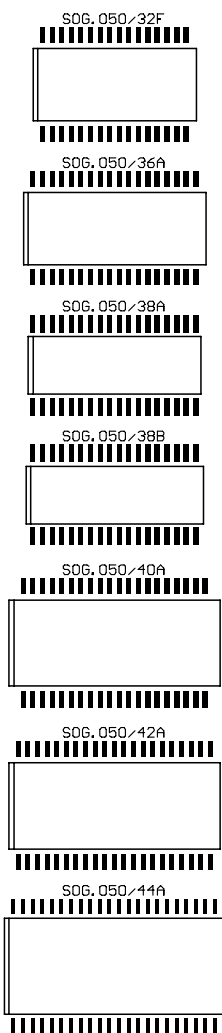
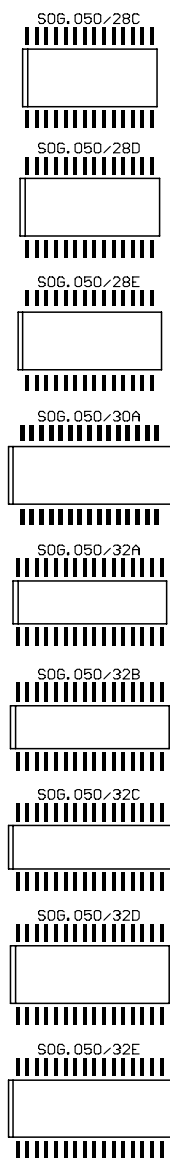


.050 PITCH

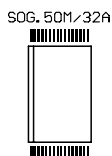


REVISION 7.00	SM GULL-WING IC LIBRARY	
SM_GULLS.LIB		SM_GULLS-1

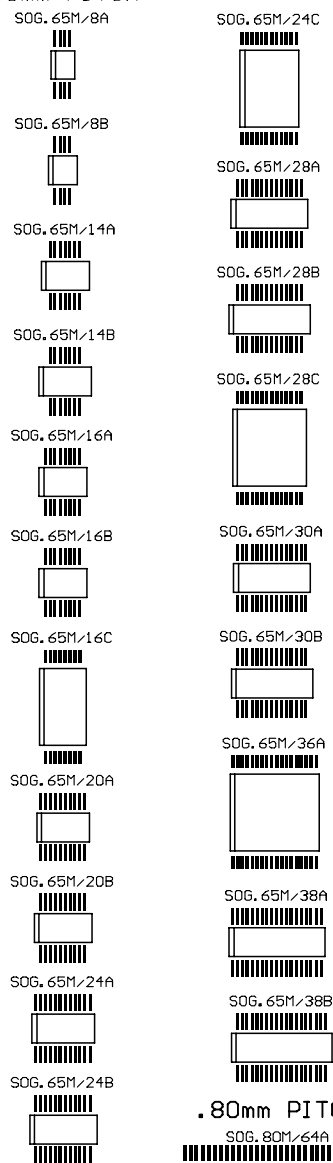
SM GULL-WING IC FAMILIES



.50mm PITCH



.65mm PITCH



.80mm PITCH



REVISION 7.00	SM GULL-WING IC LIBRARY	PAGE
SM_GULLS.LIB		SM_GULLS-2

SM_JLEAD.LIB

SOJ	=	Small Outline J-Lead IC Families
Number	=	Pitch in inches
/ Number	=	Pin count
A, B, C, ...	=	Variant
/ W x L	=	Variant Width x Length specifier in inches

.050 inch / Width x Length

SOJ.050/14A /WB.300/L.350
SOJ.050/14B /WB.300/L.375
SOJ.050/14C /WB.300/L.400
SOJ.050/14D /WB.350/L.350
SOJ.050/14E /WB.350/L.375
SOJ.050/14F /WB.350/L.400
SOJ.050/14G /WB.400/L.350
SOJ.050/14H /WB.400/L.375
SOJ.050/14J /WB.400/L.400
SOJ.050/14K /WB.450/L.350
SOJ.050/14L /WB.450/L.375
SOJ.050/14M /WB.450/L.400

SOJ.050/16A /WB.300/L.400
SOJ.050/16B /WB.300/L.425
SOJ.050/16C /WB.300/L.450
SOJ.050/16D /WB.350/L.400
SOJ.050/16E /WB.350/L.425
SOJ.050/16F /WB.350/L.450
SOJ.050/16G /WB.400/L.400
SOJ.050/16H /WB.400/L.425
SOJ.050/16J /WB.400/L.450
SOJ.050/16K /WB.450/L.400
SOJ.050/16L /WB.450/L.425
SOJ.050/16M /WB.450/L.450

SOJ.050/18A /WB.300/L.450
SOJ.050/18B /WB.300/L.500
SOJ.050/18C /WB.350/L.450
SOJ.050/18D /WB.350/L.500
SOJ.050/18E /WB.400/L.450
SOJ.050/18F /WB.400/L.500
SOJ.050/18G /WB.450/L.450
SOJ.050/18H /WB.450/L.500

SOJ.050/20A /WB.300/L.450
SOJ.050/20B /WB.300/L.550
SOJ.050/20C /WB.350/L.500
SOJ.050/20D /WB.350/L.550
SOJ.050/20E /WB.400/L.500
SOJ.050/20F /WB.400/L.550
SOJ.050/20G /WB.450/L.500
SOJ.050/20H /WB.450/L.550

SOJ.050/22A /WB.300/L.550
SOJ.050/22B /WB.300/L.600
SOJ.050/22C /WB.350/L.550
SOJ.050/22D /WB.350/L.600
SOJ.050/22E /WB.400/L.550
SOJ.050/22F /WB.400/L.600
SOJ.050/22G /WB.450/L.550
SOJ.050/22H /WB.450/L.600

SOJ.050/24A /WB.300/L.600
SOJ.050/24B /WB.300/L.625
SOJ.050/24C /WB.300/L.650
SOJ.050/24D /WB.350/L.600
SOJ.050/24E /WB.350/L.625
SOJ.050/24F /WB.350/L.650
SOJ.050/24G /WB.400/L.600
SOJ.050/24H /WB.400/L.625
SOJ.050/24J /WB.400/L.650
SOJ.050/24K /WB.450/L.600
SOJ.050/24L /WB.450/L.625
SOJ.050/24M /WB.450/L.650

SOJ.050/26A	/-6/WB.300/L.650
SOJ.050/26B	/-6/WB.300/L.700
SOJ.050/26C	/WB.300/L.650
SOJ.050/26D	/WB.300/L.700
SOJ.050/26E	/WB.350/L.650
SOJ.050/26F	/WB.350/L.700
SOJ.050/26G	/WB.400/L.650
SOJ.050/26H	/WB.400/L.700
SOJ.050/26J	/WB.450/L.650
SOJ.050/26K	/WB.450/L.700

SOJ.050/28A	/SKT
SOJ.050/28B	/WB.300/L.700
SOJ.050/28C	/WB.300/L.750
SOJ.050/28D	/WB.350/L.700
SOJ.050/28E	/WB.350/L.750
SOJ.050/28F	/WB.400/L.700
SOJ.050/28G	/WB.400/L.750
SOJ.050/28H	/WB.450/L.700
SOJ.050/28J	/WB.450/L.750

SOJ.050/32A	/SKT
SOJ.050/32B	/WB.300/L.800
SOJ.050/32C	/WB.300/L.850
SOJ.050/32D	/WB.400/L.800
SOJ.050/32E	/WB.400/L.850

SOJ.050/34A	/WB.400/L.850
SOJ.050/34B	/WB.400/L.900

SOJ.050/36A	/WB.400/L.900
SOJ.050/36B	/WB.400/L.950

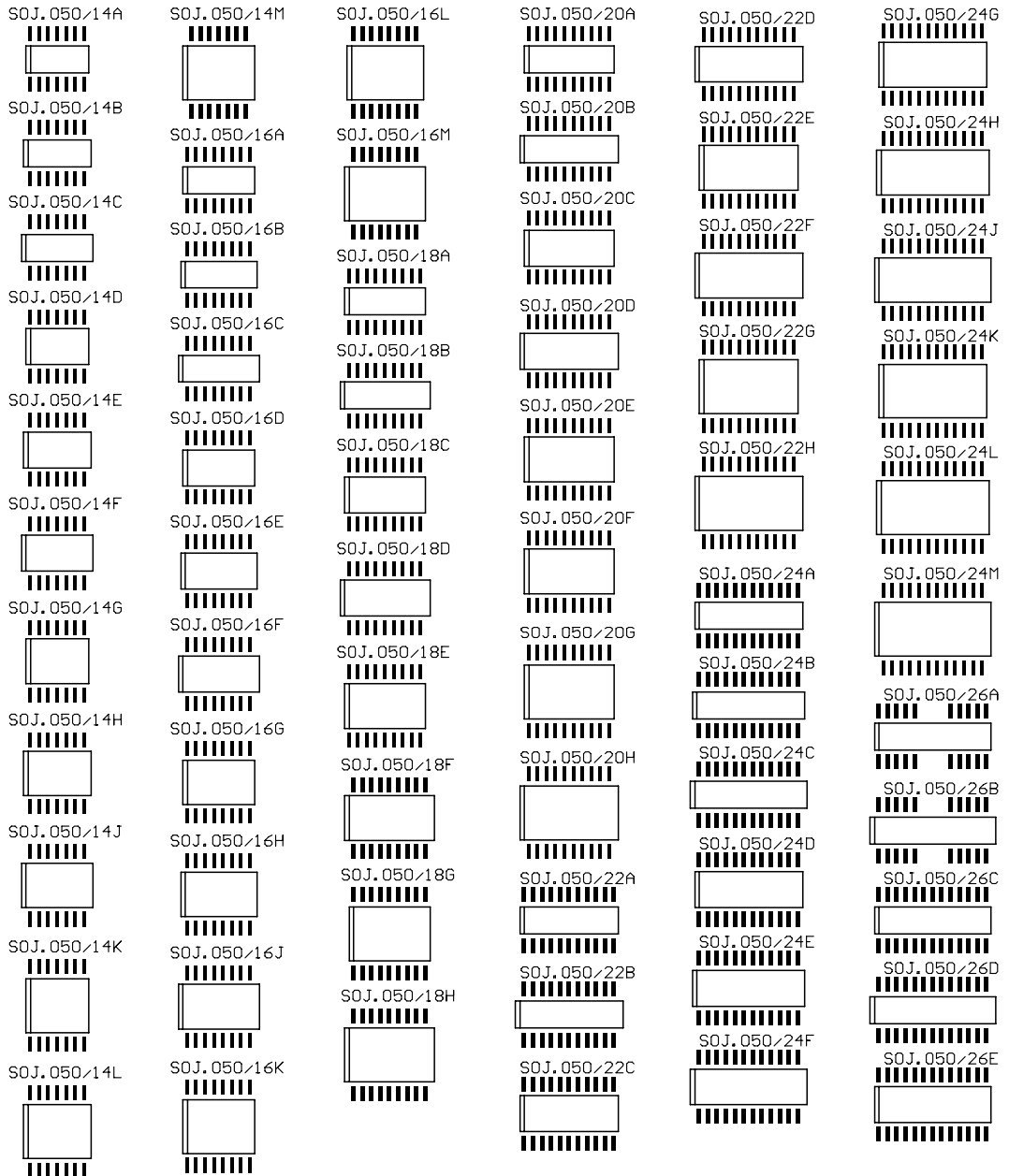
SOJ.050/40A	/SKT
SOJ.050/40B	/WB.400/L1.000
SOJ.050/40C	/WB.400/L1.050

SOJ.050/42A	/WB.400/L1.050
SOJ.050/42B	/WB.400/L1.100

SOJ.050/44A	/WB.400/L1.100
SOJ.050/44B	/WB.400/L1.150

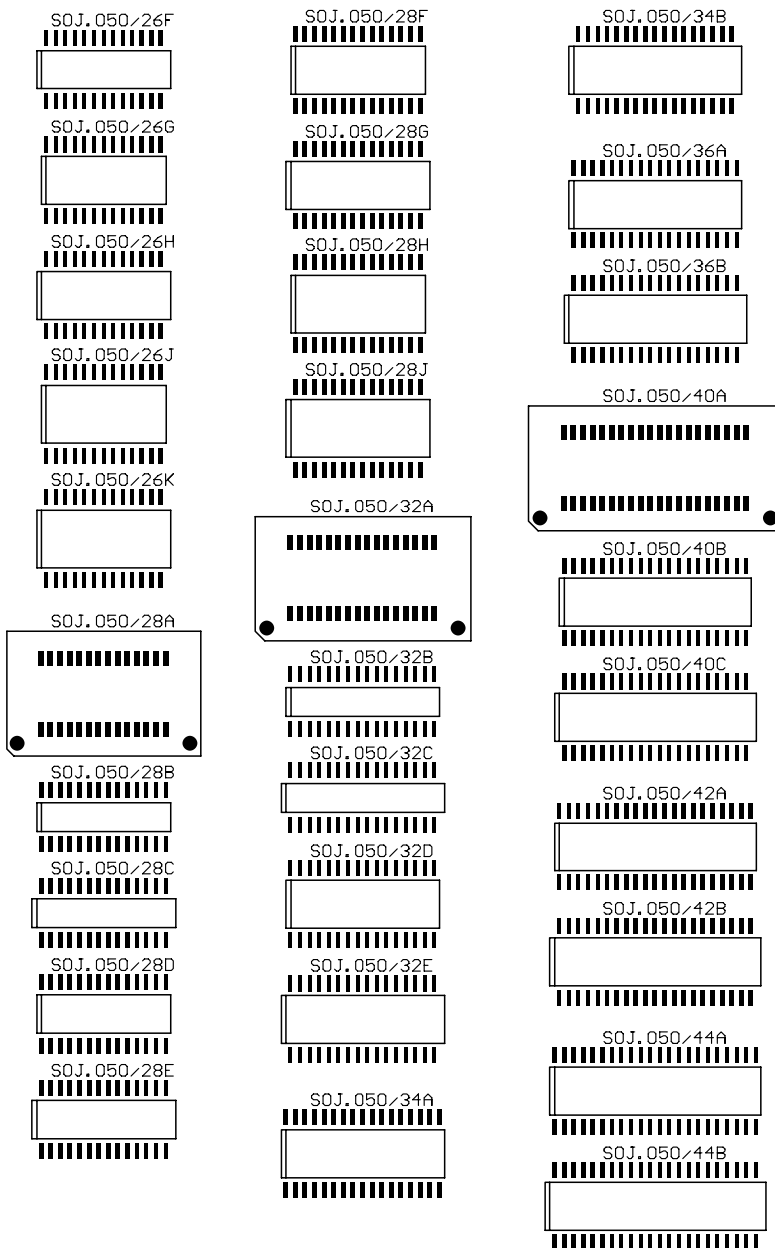
SM J-LEAD IC FAMILIES

REFER TO LISTING FOR FULL DESCRIPTION



REVISION 7.00	SM J-LEAD IC LIBRARY	
SM_JLEAD.LIB		SM_JLEAD-1

SM J-LEAD IC FAMILIES



REVISION 7.00	SM J-LEAD IC LIBRARY	
SM_JLEAD.LIB		SM_JLEAD-2

TM_AXIAL.LIB

AX	=	Thru-hole mount Axial
Number	=	Length (Pad-to-pad centers) in mils
X	=	by
Number	=	Width (diameter) in mils
H	=	by
Number	=	Hole size in mils

**Axial Non-polar
L (Pad-to-pad)
W (Width/Dia)
H (Hole Size)**

AX : HELP

AX300X100H28
AX300X100H31
AX325X100H31
AX350X100H31
AX350X100H34
AX375X100H31
AX375X100H34

AX400X100H31
AX400X100H34
AX400X125H31
AX400X125H34
AX425X100H31
AX425X100H34
AX425X150H40
AX450X100H31
AX450X100H34
AX450X125H34
AX450X150H34
AX475X100H31
AX475X100H34
AX475X125H31
AX475X125H34

AX500X100H31
AX500X100H34
AX500X125H34
AX500X150H34
AX500X150H37
AX500X175H34
AX500X175H37
AX500X200H34
AX500X200H37
AX500X200H40
AX525X100H31
AX525X125H34
AX550X100H31
AX550X125H34
AX550X150H34
AX550X150H37
AX550X175H34
AX550X200H31
AX575X150H31
AX575X150H34
AX575X150H37
AX575X175H34

AX600X100H34
AX600X175H37
AX600X200H34
AX600X200H37
AX625X100H31
AX625X100H34
AX650X150H37
AX650X150H40
AX650X175H40
AX650X175H42
AX650X200H31
AX650X200H34
AX650X200H37
AX650X200H40
AX650X200H58
AX650X225H37
AX650X250H31
AX675X175H40
AX675X200H37
AX675X200H40
AX675X225H34
AX675X225H37

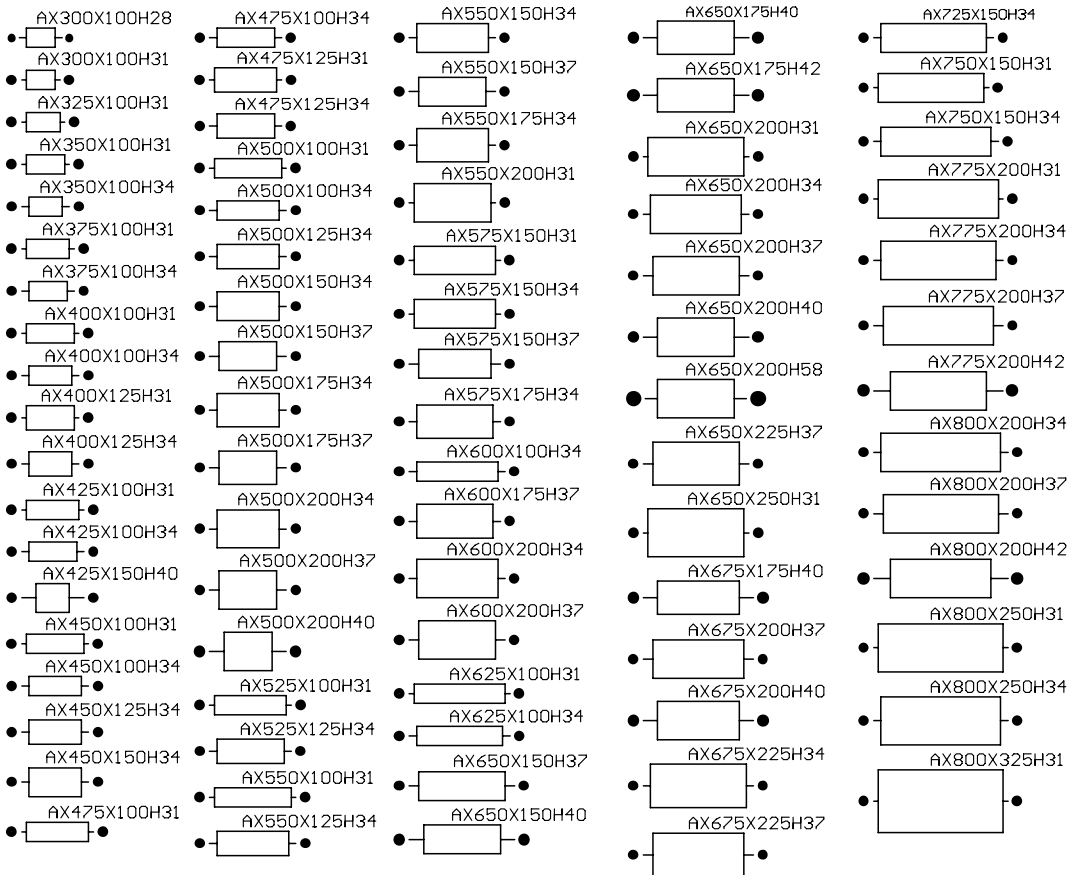
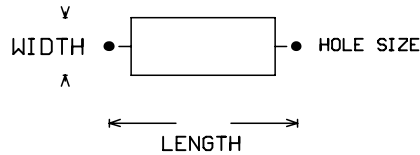
AX725X150H34
AX750X150H31
AX750X150H34
AX775X200H31
AX775X200H34
AX775X200H37
AX775X200H42

AX800X200H34
AX800X200H37
AX800X200H42
AX800X250H31
AX800X250H34
AX800X325H31
AX825X200H34
AX825X200H37
AX825X200H42
AX850X325H34
AX850X325H37
AX850X350H34
AX850X350H37
AX875X300H34
AX875X300H37
AX875X325H34
AX875X325H37
AX875X350H34
AX875X350H37

AX900X175H31
AX900X225H34
AX900X225H37
AX900X225H40
AX925X225H34
AX925X225H37
AX925X225H40
AX950X325H31
AX950X325H34
AX950X400H34
AX950X400H37
AX950X450H34
AX950X450H37
AX950X675H50
AX975X275H34
AX975X275H37
AX975X275H42
AX975X300H37

TM_AXIAL : TM NON-POLARIZED

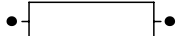
AXIAL : AXIAL-LEADED TM NON-POLARIZED DISCRETES
: AX (PAD-TO-PAD) X (WIDTH) + (HOLE SIZE)



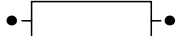
REVISION 7.00	TM_AXIAL LIBRARY	
TM_AXIAL.LIB		TM_AXIAL-1

TM_AXIAL : TM NON-POLARIZED

AX825X200H34



AX825X200H37



AX825X200H42



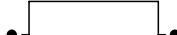
AX850X325H34



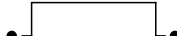
AX850X325H37



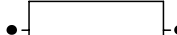
AX850X350H34



AX850X350H37



AX875X300H34



AX875X300H37



AX875X325H34



AX875X325H37



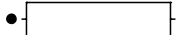
AX875X350H34



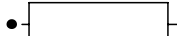
AX875X350H37



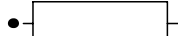
AX900X175H31



AX900X225H34



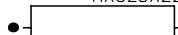
AX900X225H37



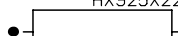
AX900X225H40



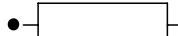
AX925X225H34



AX925X225H37



AX925X225H40



AX950X325H31



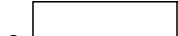
AX950X325H34



AX950X400H34



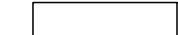
AX950X400H37



AX950X450H34



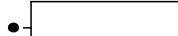
AX950X450H37



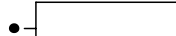
AX950X675H50



AX975X275H34



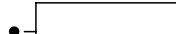
AX975X275H37



AX975X275H42



AX975X300H37



REVISION 7.00

TM_AXIAL LIBRARY

TM_AXIAL.LIB

TM_AXIAL-2

TM_CAP_P.LIB

C+	=	Thru-hole mount Polarized Capacitor
Number	=	Diameter (cylindrical) or Length (axial pad-to-pad centers) in mils
D, X	=	by
Number	=	Lead spacing (cylindrical) or Width (axial) in mils
H	=	Hole size specifier
Number	=	Hole size in mils

Cylindrical

Diameter
Lead Spacing
Hole Size

C CYLINDER : HELP

C+150D100H31
C+150D125H31
C+175D100H31
C+175D125H31

C+200D100H31
C+200D125H31
C+200D150H31
C+225D100H31
C+225D125H31
C+250D100H31
C+250D125H31
C+250D150H31
C+275D100H31
C+275D100H34
C+275D100H37
C+275D125H34
C+275D125H37

C+300D100H31
C+300D100H34
C+300D125H34
C+300D200H31
C+300D200H34
C+325D125H34
C+325D175H34
C+350D175H34
C+350D200H31
C+350D200H34

C+400D200H34
C+400D225H34

C+500D200H34
C+500D200H37
C+500D200H40
C+500D225H34

C+600D150H34
C+600D175H34
C+650D300H40
C+650D325H40

C+700D300H40
C+700D325H40
C+725D300H40
C+725D325H40

Axial

Pad-to-pad
Width
Hole Size

C AXIAL : HELP

C+575X150H31

C+600X200H34
C+625X100H31
C+650X200H31
C+650X200H34
C+650X200H37
C+675X200H37
C+675X225H34
C+675X225H37

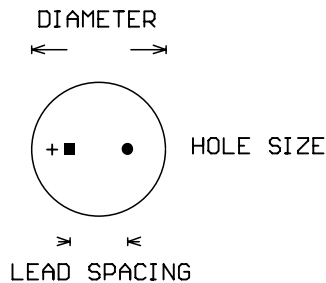
C+725X150H34
C+750X150H31
C+750X150H34
C+775X200H31
C+775X200H34
C+775X200H37

C+800X250H34
C+800X675H50
C+850X325H34
C+850X325H37
C+850X350H34
C+850X350H37
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C+875X325H34
C+875X325H37
C+875X350H34
C+875X350H37

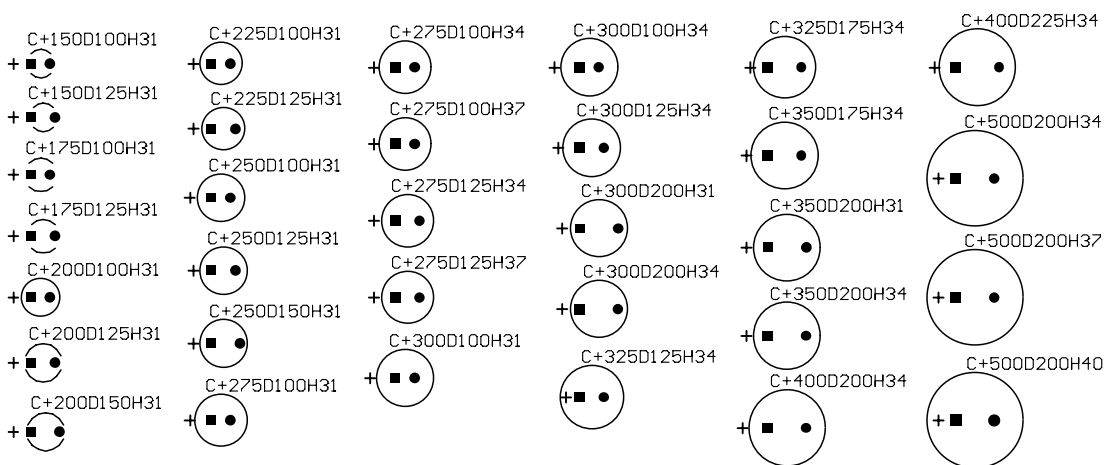
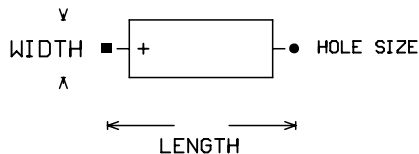
C+900X175H31
C+950X325H34
C+950X400H34
C+950X400H37
C+950X450H34
C+950X450H37
C+950X675H50
C+975X300H37

TM_CAP_P : TM POLARIZED CAPACITORS

CYLINDER CAP : POLARIZED CYLINDRICAL TM CAPS
: C+ (DIA) D (LEAD SPACING) H (HOLE SIZE)

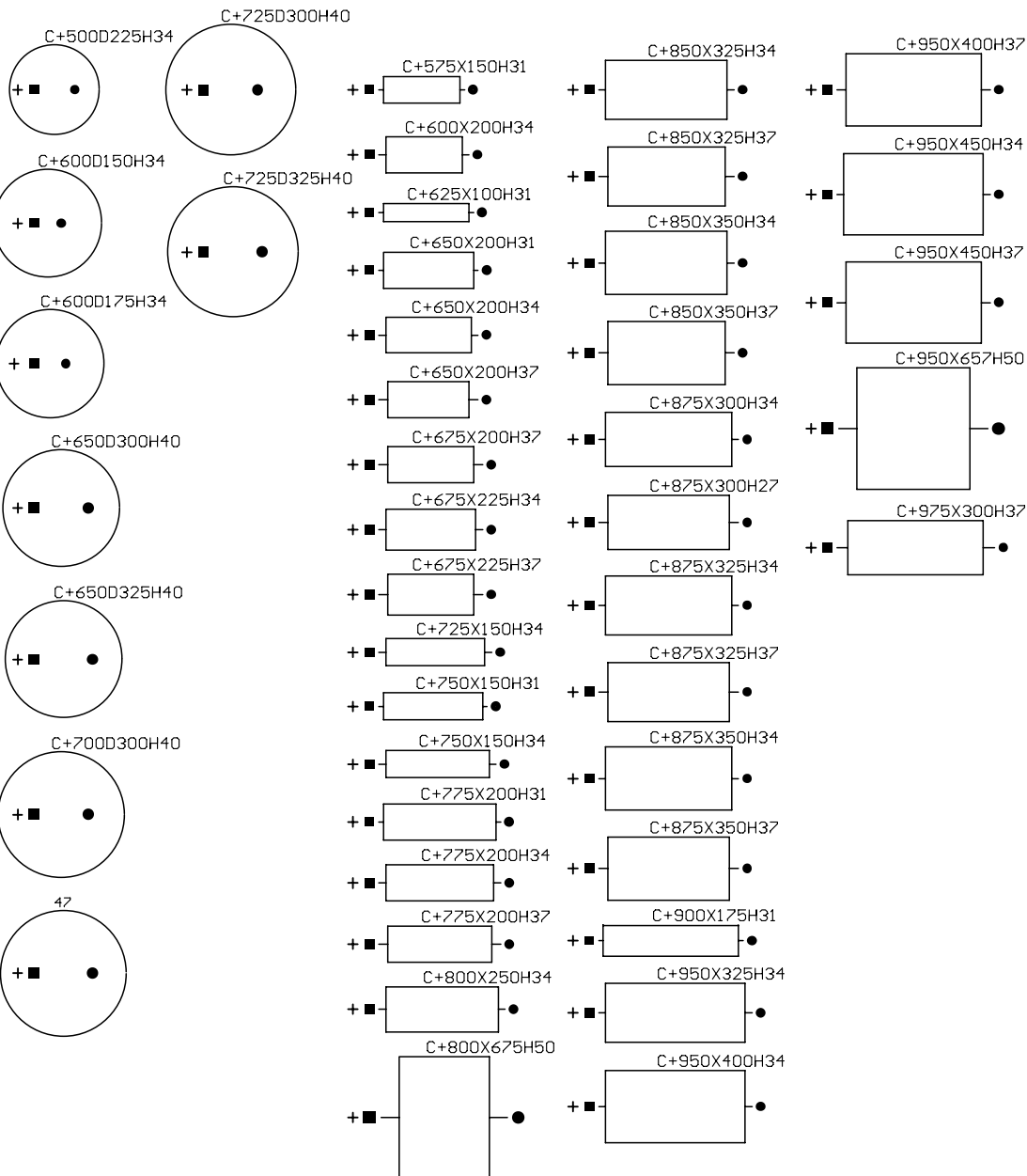


AXIAL CAP : POLARIZED AXIAL-LEADED TM CAPS
: C+ (PAD-TO-PAD) X (WIDTH) + (HOLE SIZE)



REVISION 7.00	TM_CAP_P LIBRARY	
TM_CAP_P.LIB		TM_CAP_P-1

TM_CAP_P : TM POLARIZED CAPACITORS



REVISION 7.00

TM_CAP_P LIBRARY

TM_CAP_P.LIB

TM_CAP_P-2

TM_CYLND.LIB

CY	=	Thru-hole mount Non-polarized Cylindircal Capacitor
Number	=	Diameter in mils
D	=	by
Number	=	Lead spacing in mils
H	=	Hole size specifier
Number	=	Hole size in mils

Cylindrical CY400D200H34
CY400D225H34

Diameter
Lead Spacing CY500D200H34
Hole Size CY500D200H37
CY500D200H40
CY : HELP CY500D225H34

CY150D100H31 CY600D150H34
CY150D125H31 CY600D175H34
CY175D100H31 CY650D300H40
CY175D125H31 CY650D325H40

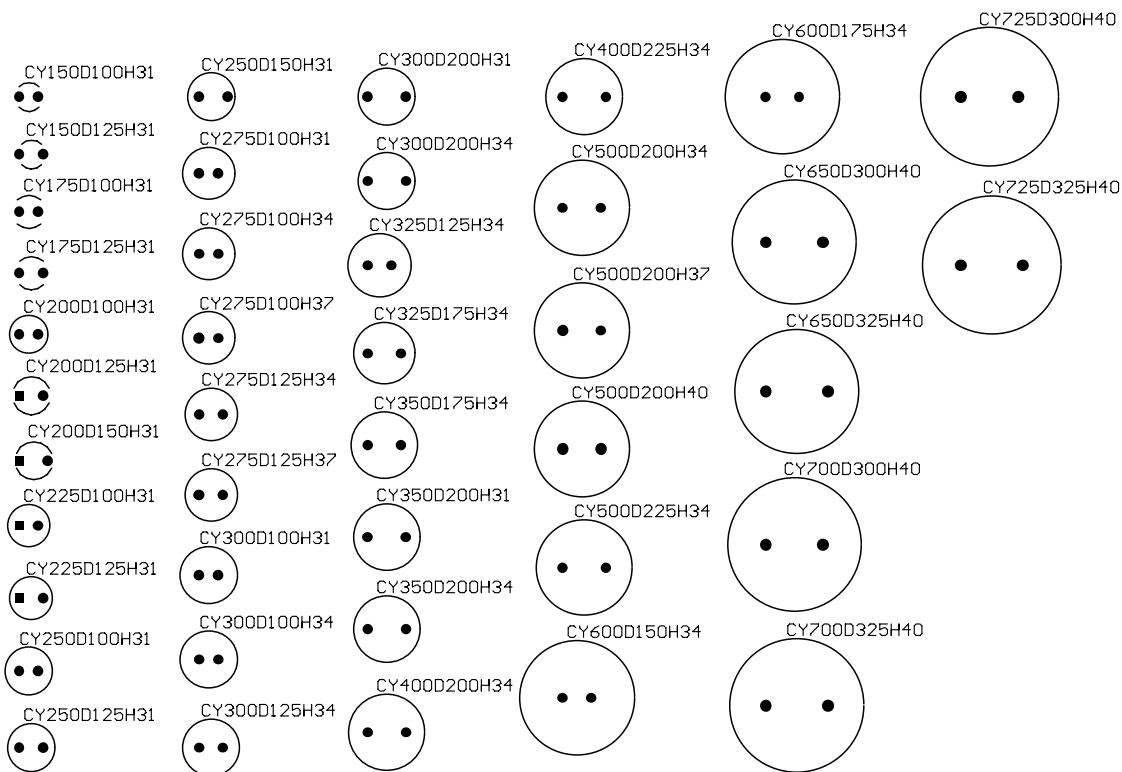
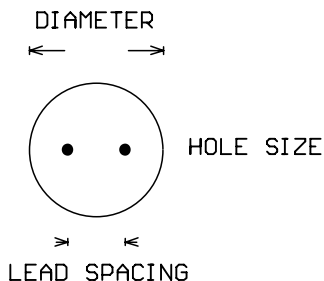
CY200D100H31 CY700D300H40
CY200D125H31 CY700D325H40
CY200D150H31 CY725D300H40
CY225D100H31 CY725D325H40
CY225D125H31
CY250D100H31
CY250D125H31
CY250D150H31
CY275D100H31
CY275D100H34
CY275D100H37
CY275D125H34
CY275D125H37

CY300D100H31
CY300D100H34
CY300D125H34
CY300D200H31
CY300D200H34
CY325D125H34
CY325D175H34
CY350D175H34
CY350D200H31
CY350D200H34

TM_CYLND : TM NON-POLARIZED CYLINDRICALS

CYLINDER : CYLINDRICAL TM DISCRETES

: CY (DIA) D (LEAD SPACING) H (HOLE SIZE)



REVISION 7.00	TM_CYLND LIBRARY	
TM_CYLND.LIB		TM_CYLND-1

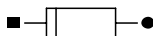
TM_DIODE.LIB

1N, DO, SOD	=	Diode style
D+	=	Diode length x width x hole size in mils

1N Styles	DO Styles	SOD Styles	Length x Width x Hole Size
1N : HELP	DO : HELP	SOD : HELP	
1N746-759A	DO7	SOD57	D+ : HELP
1N957-992B	DO26	SOD64	D+300L050H28
1N4001-4007	DO29		D+350L080H31
1N4370-4372A	DO34		D+350L200H31
1N4678-4717	DO35		D+375L070H34
1N4719-4725	DO41		
1N4728-4764A	DO204AA		D+400L080H28
1N4933-4937	DO204AB		D+425L100H40
1N5221-5281B	DO204AC		D+425L125H40
1N5333-5388B	DO204AD		D+425L150H40
1N5400-5408	DO204AE		D+450L090H31
1N5441-5456B	DO204AF		D+450L100H34
1N5817-5819	DO204AG		D+450L125H42
1N5820-5821	DO204AH		D+450L150H40
1N5823-5825	DO204AJ		D+475L125H42
1N5913-5956B	DO204AK		
1N5985-6025B	DO204AL		D+500L110H46
	DO204AM		D+500L125H42
	DO204AN		D+550L110H34
	DO204AP		D+550L120H46
	DO204AR		D+550L125H34
	DO206AA		D+550L140H46
	DO206AB		D+550L150H46
			D+550L160H31
			D+575L125H46
			D+650L080H50
			D+700L150H42
			D+750L150H42
			D+775L375H62
			D+800L110H67
			D+800L225H62
			D+800L375H62
			D+825L225H62
			D+825L375H62
			D+850L225H62
			D+850L260H50
			D+900L270H50
			D+950L150H62

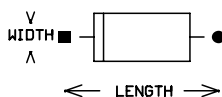
TM_DIODE

1N STYLES : TM AXIAL-LEADED 1N STYLE DIODES



BY CASE SIZE

DISCRETES : AXIAL-LEADED TM DIODES
: D+ <LENGTH> × <WIDTH> H <HOLE SIZE>



DO STYLES : TM AXIAL-LEADED DO STYLE DIODES



BY CASE SIZE

SOD SYTLES : TM AXIAL-LEADED SOD STYLE DIODES

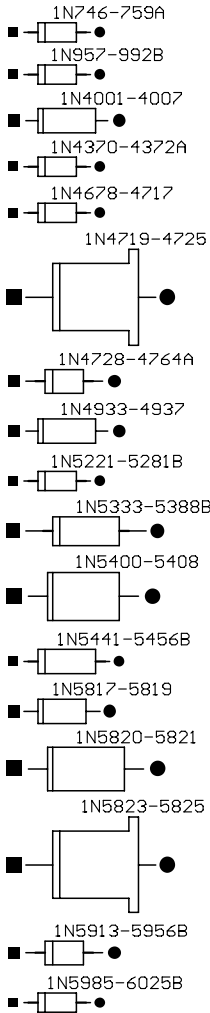


BY CASE SIZE

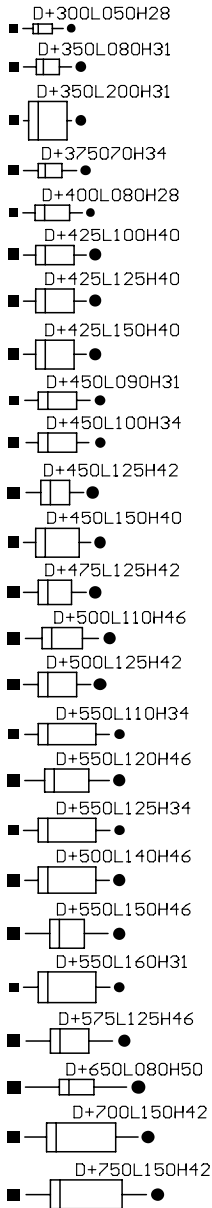
REVISION 7.00	TM_DIODE LIBRARY	
TM_DIODE.LIB		TM_DIODE-1

TM_DIODE

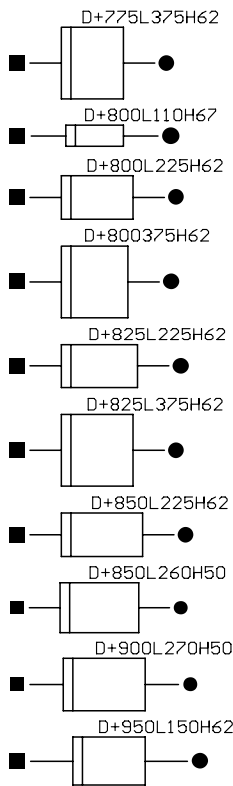
1N



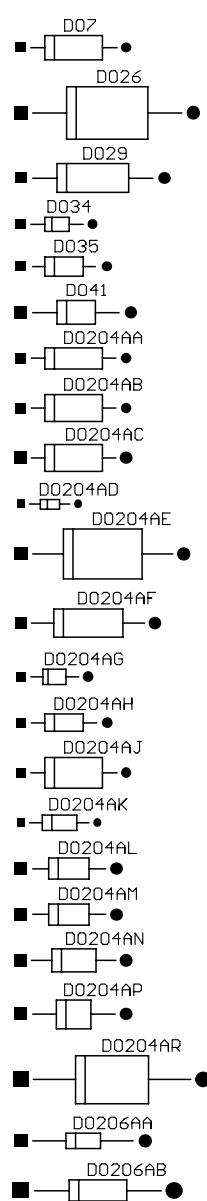
L X W



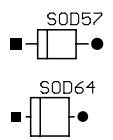
L X W



D0



SOD



REVISION 7.00

TM_DIODE LIBRARY

TM_DIODE.LIB

TM_DIODE-2

TM_R_MIL.LIB

R + number = Thru-hole mount resistor style

**R - MIL Styles
Meets MIL-275**

R : HELP

RC05

RC07

RC20

RC32

RC42

RCR05

RCR07

RCR20

RCR32

RCR42

RLR05

RLR05C

RLR07

RLR07C

RLR20

RLR20C

RLR32C

RLV30

RLV31

RN50

RN50C

RN50E

RN55

RN55C

RN55D

RN55E

RN60

RN60C

RN60D

RN60E

RN65

RN65C

RN65E

RNC50

RNC50H

RNC50J

RNC55

RNC55H

RNC55J

RNC60

RNC60H

RNC60J

RNC65

RNC65H

RNC65J

RNN55

RNN57

RNN60

RNN65

RNN70

RNR55

RNR57

RNR60

RNR65

RNR70

RW67

RW67V

RW68

RW68V

RW69

RW69V

RW70

RW70U-F

RW74

RW74U-F

RW78

RW78U-F

RW79

RW79U-F

RW80

RW81

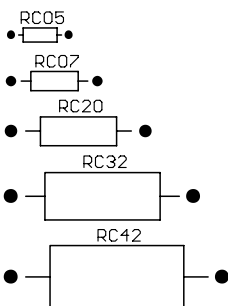
TM_R_MIL : TM MIL-SPEC RESISTOR STYLES

RES : MIL-SPEC AXIAL-LEADED TM RESISTORS

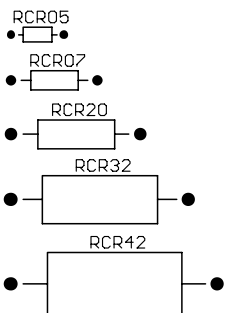


BY CASE SIZE

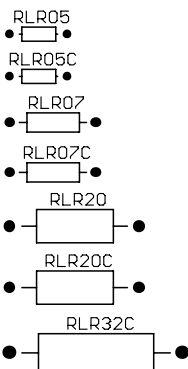
RC



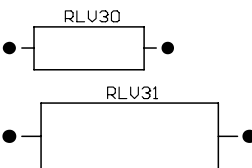
RCR



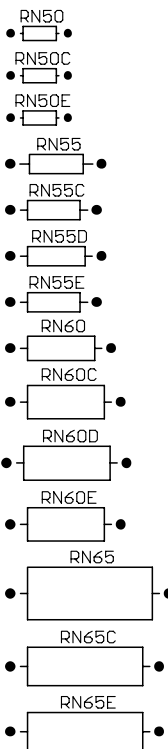
RLR



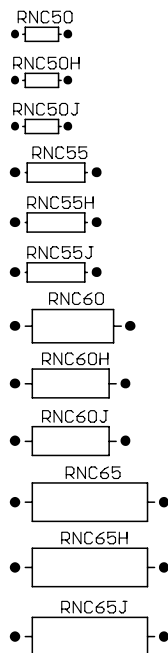
RLV



RN



RNC



REVISION 7.00

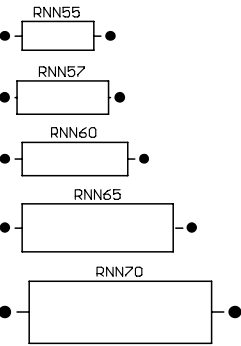
TM_R_MIL LIBRARY

TM_R_MIL.LIB

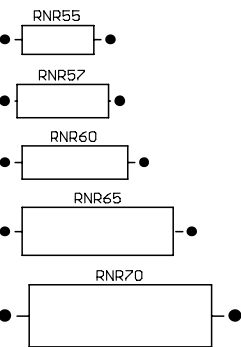
TM_R_MIL-1

TM_R_MIL : TM MIL-SPEC RESISTOR STYLES

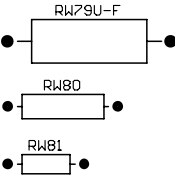
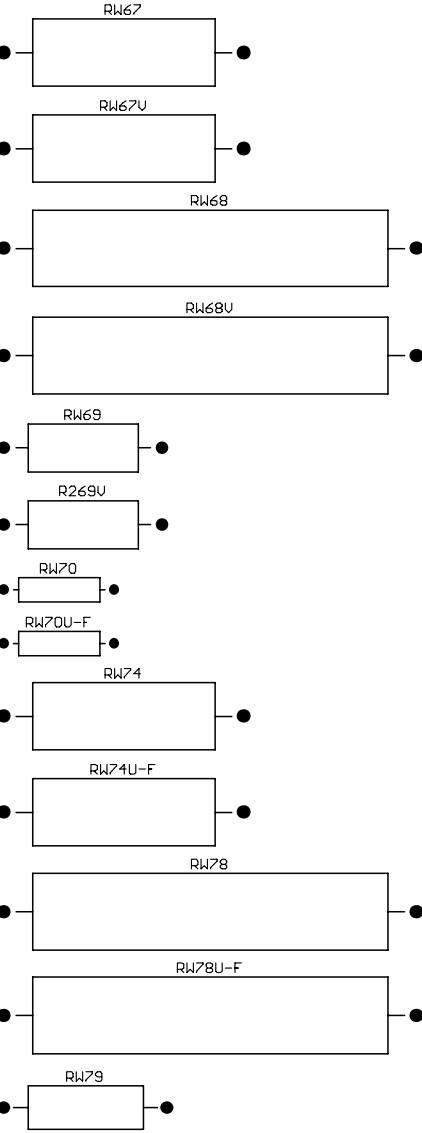
RNN



RNR



RW



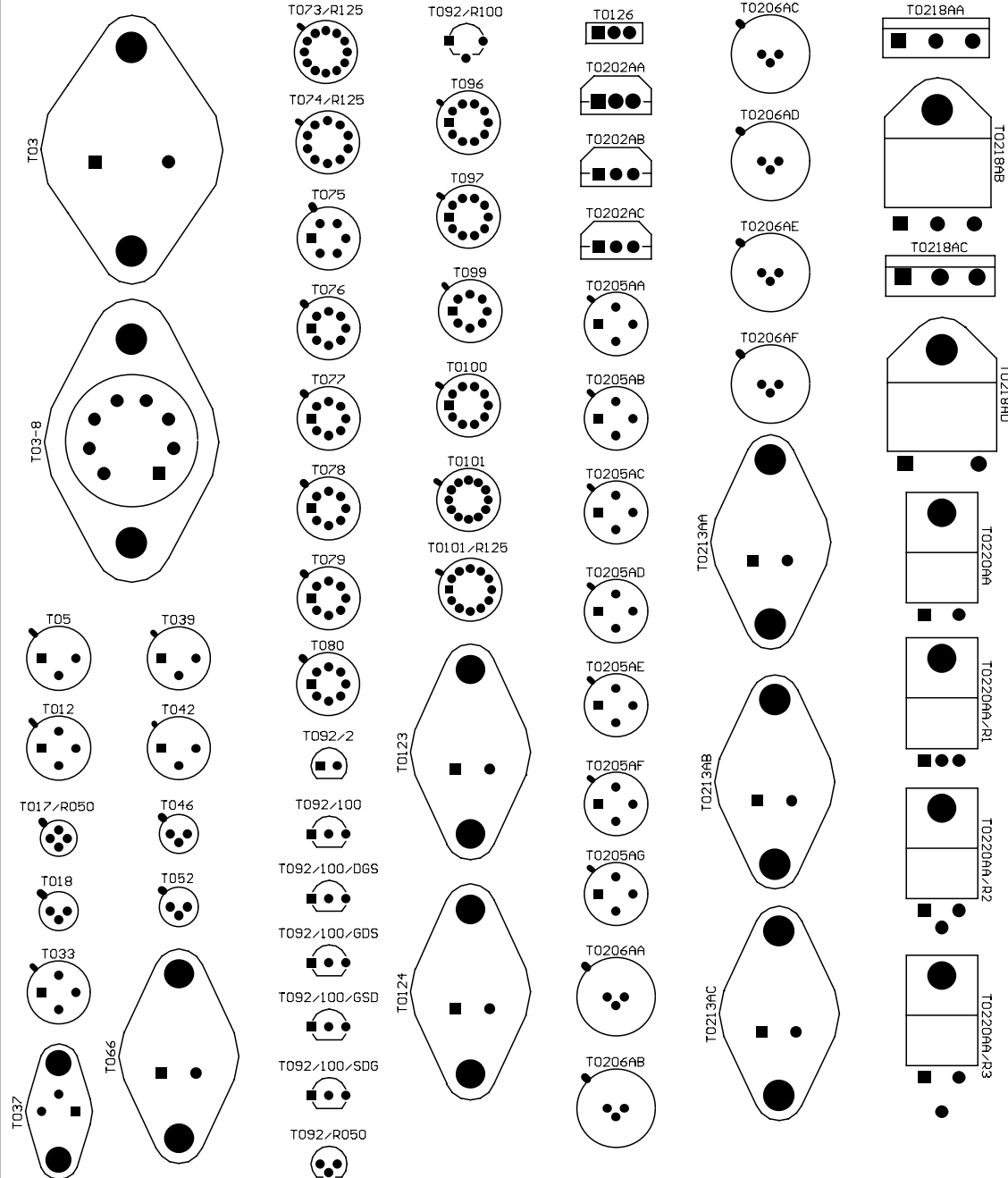
REVISION 7.00	TM_R_MIL LIBRARY	
TM_R_MIL.LIB		TM_R_MIL-2

TO = JEDEC TO compatible

TO Styles

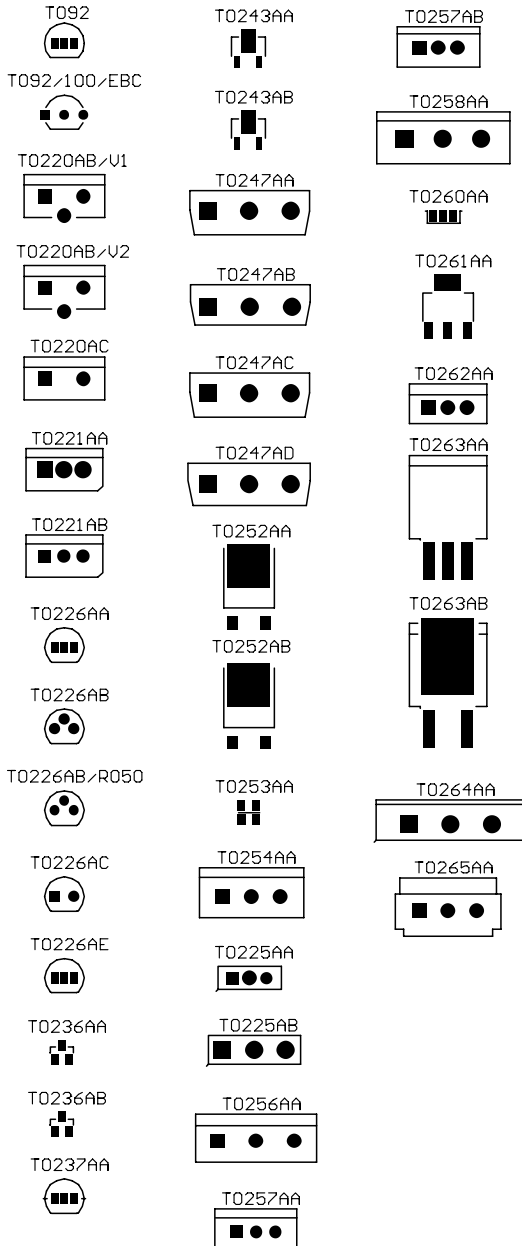
	TO202AA	TO243AA
	TO202AB	TO243AB
TO3	TO202AC	TO247AA
TO3-8	TO205AA	TO247AB
TO5	TO205AB	TO247AC
TO12	TO205AC	TO247AD
TO17/R050	TO205AD	TO252AA
TO18	TO205AE	TO252AB
TO33	TO205AF	TO253AA
TO37	TO205AG	TO254AA
TO39	TO206AA	TO256AA
TO42	TO206AB	TO257AA
TO46	TO206AC	TO257AB
TO52	TO206AD	TO258AA
TO66	TO206AE	TO260AA
TO73/R125	TO206AF	TO261AA
TO74/R125	TO213AA	TO262AA
TO75	TO213AB	TO263AA
TO76	TO213AC	TO263AB
TO77	TO218AA	TO264AA
TO78	TO218AB	TO265AA
TO79	TO218AC	
TO80	TO218AD	
TO92	TO220AA	
TO92/2	TO220AA/R1	
TO92/100	TO220AA/R2	
TO92/100/DGS	TO220AA/R3	
TO92/100/EBC	TO220AB/V1	
TO92/100/GDS	TO220AB/V2	
TO92/100/GSD	TO220AC	
TO92/100/SDG	TO221AA	
TO92/R050	TO221AB	
TO92/R100	TO225AA	
TO96	TO225AB	
TO97	TO226AA	
TO99	TO226AB	
TO100	TO226AB/R050	
TO101	TO226AC	
TO101/R125	TO226AE	
TO123	TO236AA	
TO124	TO236AB	
TO126	TO237AA	

TO



REVISION 6.80	TO LIBRARY	
TO.LIB		TO-1

TO



REVISION 6.80	TO LIBRARY	
TO.LIB		TO-2

TRAXSTD.LIB

This library contains an assortment of components found in the original version of TraxMaker.

DB Connectors Vertical, Male

DB9/M
DB15/M
DB25/M
DB37/M
DB50/M

DB Connectors Vertical, Female

DB9/F
DB15/F
DB25/F
DB37/F
DB50/F

DB Connectors Rt. Angle, Male

DB9RA/M
DB15RA/M
DB25RA/M
DB37RA/M
DB50RA/M

DB Connectors Rt. Angle, Female

DB9RA/F
DB15RA/F
DB25RA/F
DB37RA/F
DB50RA/F

DIN Connectors Vertical, Rt. Angle

DIN96
DIN96RA

Edge Fingers

STDEDGE
S100EDGE

IDC Connectors Vertical

IDC10
IDC16
IDC20
IDC26
IDC34
IDC36
IDC40
DC50

IDC Connectors Rt. Angle, Protected

IDC40P
IDC50P

Multi Connectors

PENTA
HEPTA
MULTI11
MULTI15

DIP .100

DIP6
DIP8
DIP14
DIP16
DIP18
DIP20
DIP22
DIP24
DIP28
DIP40
DIP64

SIP .100

SIP2
SIP3
SIP4
SIP5
SIP6
SIP7
SIP8
SIP9
SIP10
SIP12
SIP16
SIP20

LCC

LCC18LR
LCC18R
LCC20
LCC22R
LCC28
LCC28R
LCC32R
LCC44
LCC52
LCC68
LCC84
LCC100
LCC124

Diodes

DIODE0.4
DIODE0.7

Axial, Non-polarized

AXIAL0.3
AXIAL0.4
AXIAL0.5
AXIAL0.6
AXIAL0.7
AXIAL0.8
AXIAL0.9
AXIAL1.0

Radial, Non-polarized

RAD0.1
RAD0.2
RAD0.3
RAD0.4

Axial, Polarized

POLAR0.6
POLAR0.8
POLAR1.0
POLAR1.2

Cylindrical, Polarized

RB.2/.4
RB.3/.6
RB.4/.8
RB.5/1.0

Chip Resistors

RC1
RC2
RC3
RC4
RC5
RC6
RC7
RC8
RC9
RC10
RC11
RC12
RC13
RC14
RC15
RC16
RC17
RC18
RC19
RC20
RC21

**Pin Grid Arrays
Pins x Width**

PGA52X9
PGA64X10
PGA68X10
PGA68X11
PGA84X10
PGA84X11
PGA84X12
PGA84X13
PGA88X13
PGA100X10
PGA120X13
PGA124X13
PGA132X13

SMD DIP

SMD8A
SMD8B
SMD14A
SMD14B
SMD16A
SMD16B
SMD20
SMD24
SMD28

SOT Packages

SOT-23
SOT-89
SOT-143

TO Packages

TO-3
TO-5
TO-18
TO-39
TO-46
TO-52
TO-66
TO-72
TO-92A
TO-92B
TO-126
TO-220

Variable Resistors

VR1
VR2
VR3
VR4
VR5

Misc.

BNC

FUSE

FLY4

POWER4
POWER6

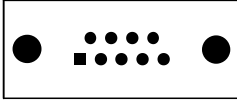
QUIL64

SPADE

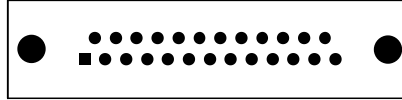
XTAL1

TRAXMAKER STANDARD COMPONENTS

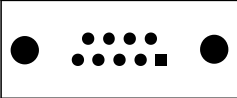
DB9/F



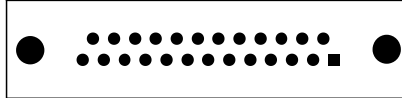
DB25/F



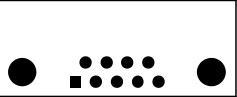
DB9/M



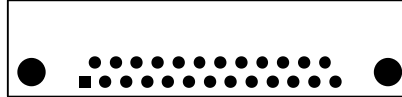
DB25/M



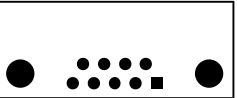
DB9RA/F



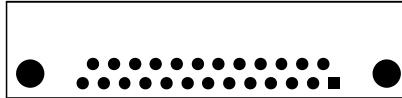
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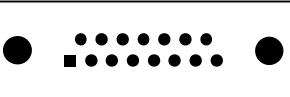
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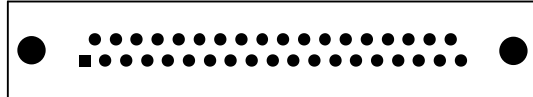
DB25RA/M



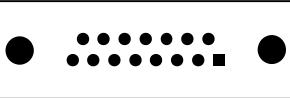
DB15/F



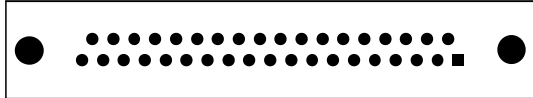
DB37/F



DB15/M



DB37/M



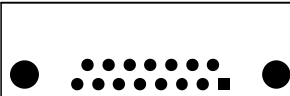
DB15RA/F



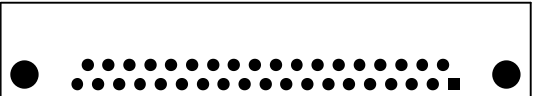
DB37RA/F



DB15RA/M



DB37RA/M



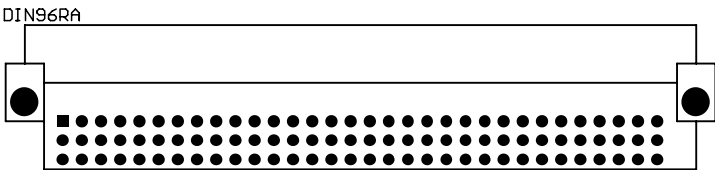
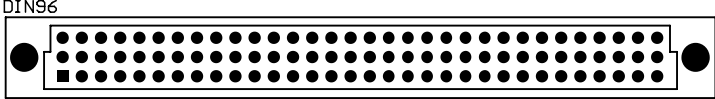
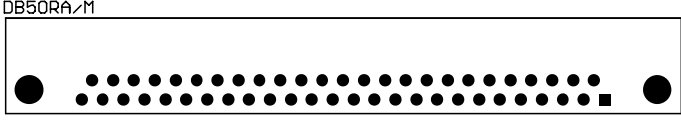
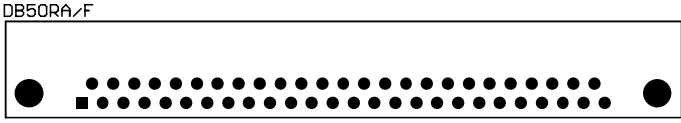
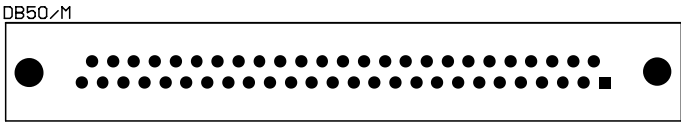
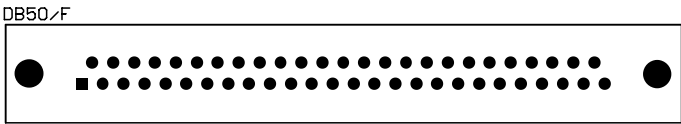
REVISION 7.10

STANDARD COMPONENTS

TRAXSTD.LIB

TRAXSTD-1

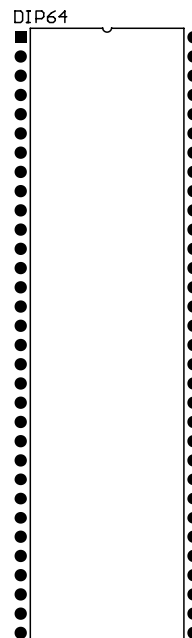
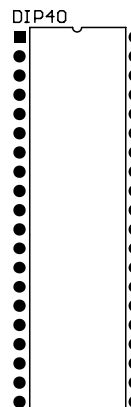
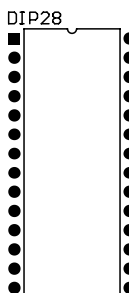
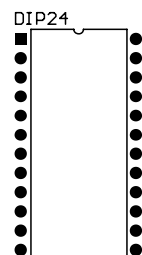
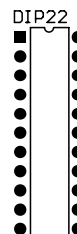
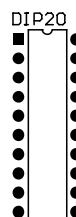
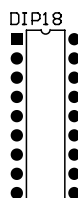
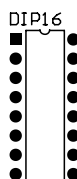
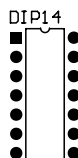
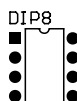
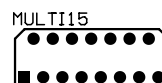
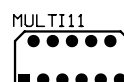
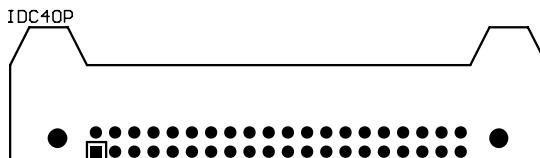
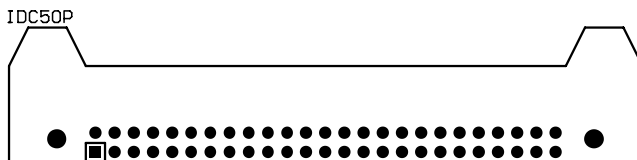
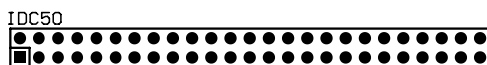
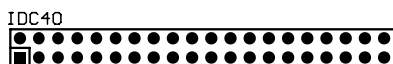
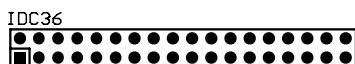
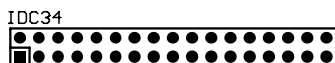
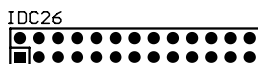
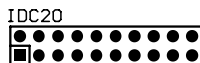
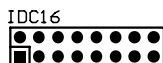
TRAXMAKER STANDARD COMPONENTS



FULL LENGTH NOT SHOWN

REVISION 7.10	STANDARD COMPONENTS	
TRAXSTD.LIB		TRAXSTD-2

TRAXMAKER STANDARD COMPONENTS



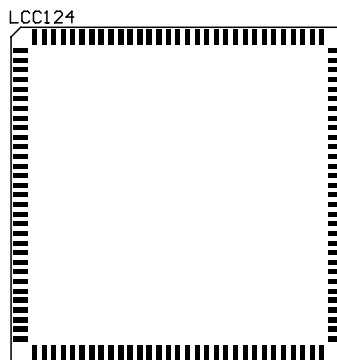
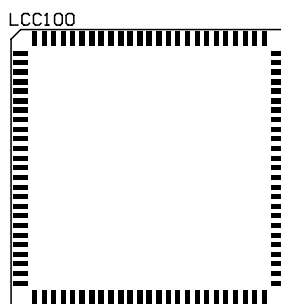
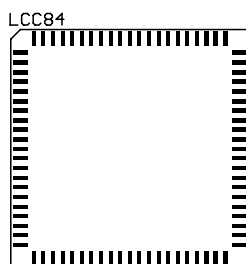
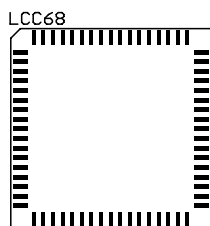
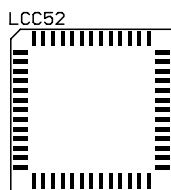
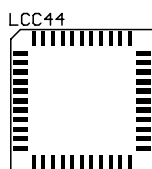
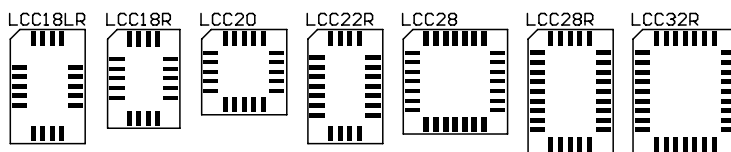
REVISION 7.10

STANDARD COMPONENTS

TRAXSTD.LIB

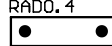
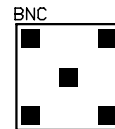
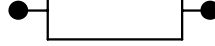
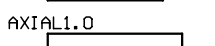
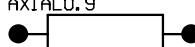
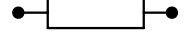
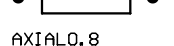
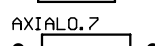
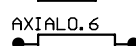
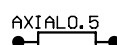
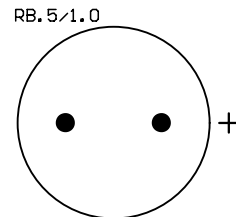
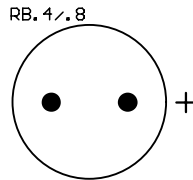
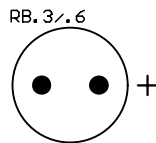
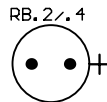
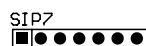
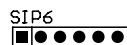
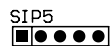
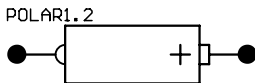
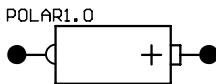
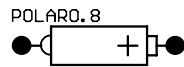
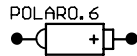
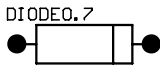
TRAXSTD-3

TRAXMAKER STANDARD COMPONENTS



REVISION 7.10	STANDARD COMPONENTS	
TRAXSTD.LIB		TRAXSTD-4

TRAXMAKER STANDARD COMPONENTS



REVISION 7.10

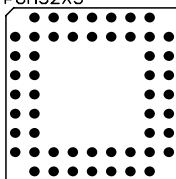
STANDARD COMPONENTS

TRAXSTD.LIB

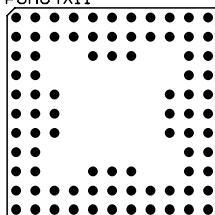
TRAXSTD-5

TRAXMAKER STANDARD COMPONENTS

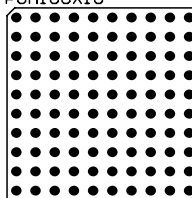
PGA52X9



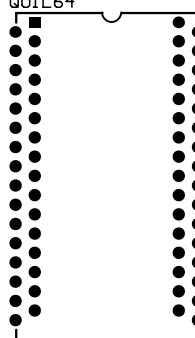
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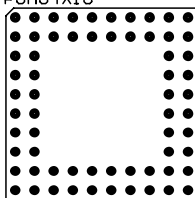
PGA100X10



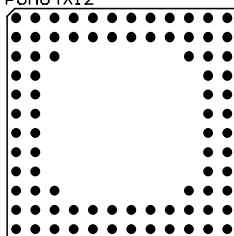
QUIL64



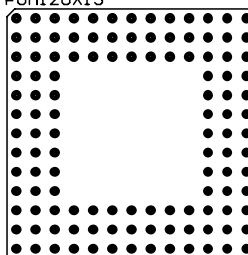
PGA64X10



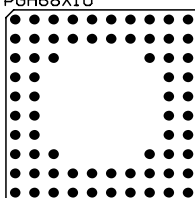
PGA84X12



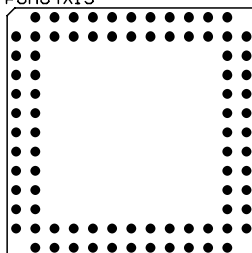
PGA120X13



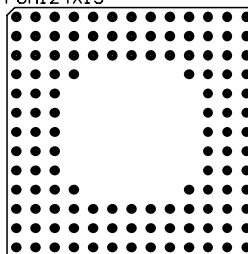
PGA68X10



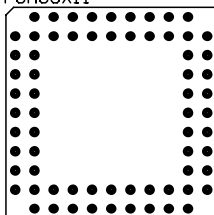
PGA84X13



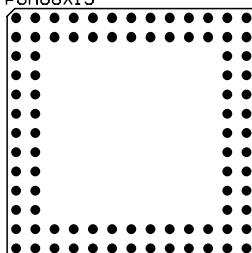
PGA124X13



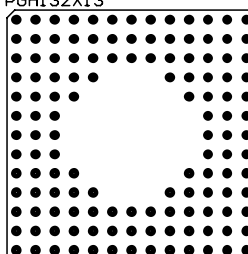
PGA68X11



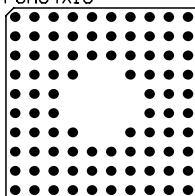
PGA88X13



PGA132X13



PGA84X10



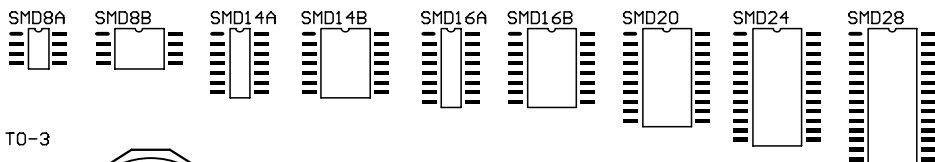
REVISION 7.10

STANDARD COMPONENTS

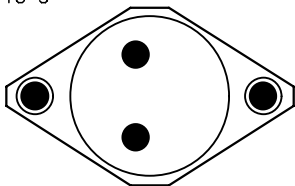
TRAXSTD.LIB

TRAXSTD-6

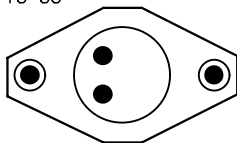
TRAXMAKER STANDARD COMPONENTS



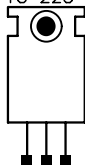
T0-3



T0-66



T0-220



XTAL1



FUSE



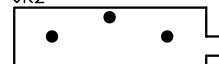
SPADE



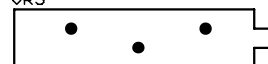
UR1



UR2



UR3



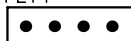
UR4



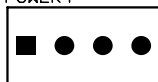
UR5



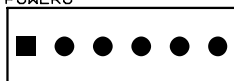
FLY4



POWER4



POWER6



REVISION 7.10

STANDARD COMPONENTS

TRAXSTD.LIB

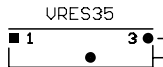
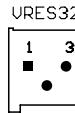
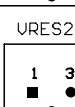
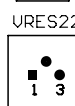
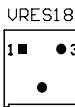
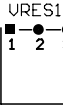
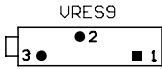
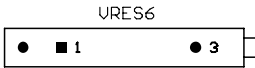
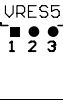
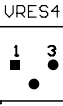
TRAXSTD-7

VRES.LIB

VRES	=	Variable Resistor
Number	=	Style

Variable Resistors	VRES20	VRES42
	VRES21	VRES43
	VRES22	VRES44
VRES1	VRES23	VRES45
VRES2	VRES24	VRES46
VRES3	VRES25	VRES47
VRES4	VRES26	VRES48
VRES5	VRES27	VRES49
VRES6	VRES28	VRES50
VRES7	VRES29	VRES51
VRES8	VRES30	VRES52
VRES9	VRES31	VRES53
VRES10	VRES32	VRES54
VRES11	VRES33	VRES55
VRES12	VRES34	VRES56
VRES13	VRES35	VRES57
VRES14	VRES36	VRES58
VRES15	VRES37	VRES59
VRES16	VRES38	VRES60
VRES17	VRES39	VRES61
VRES18	VRES40	VRES62
VRES19	VRES41	VRES63

URES



REVISION 6.90

URES LIBRARY

URES.LIB

URES-1

XT	=	XT card compatible
/Edge, /Socket	=	Edge Fingers, Edge Socket

BOARDBLANKS	:	Refer to last section
-------------	---	-----------------------

Edge Fingers

XT/EDGE

Edge Socket

XT/SOCKET

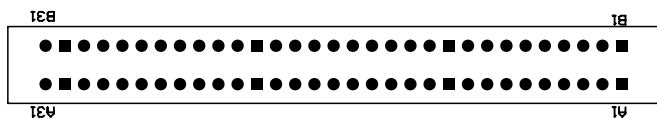
XT

XT / SOCKET OR FINGERS

XT / SOCKET

PADSTACK : ALAPHA-NUMERIC .065 x .295 EDGE FINGERS

PADSTACK : .040 HOLE/.062 PAD



XT/SOCKET

REVISION 7.00	XT LIBRARY	
XT.LIB		XT-1

ZZ	=	Zigzag pitch components
Number	=	Pins
/L	=	Length specifier
Number	=	Length in inches

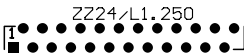
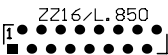
Zig-Zags

- ZZ16/L.850
- ZZ20/L1.050
- ZZ24/L1.250
- ZZ28/L1.450
- ZZ40/L2.050

ZIGZAG

.100 ZIGZAGS

PADSTACK : SEQUENTIAL .034 HOLE $\nearrow$.055 PAD



REVISION 6.90	ZIGZAG LIBRARY	
ZIGZAG.LIB		ZIGZAG-1

8 Byte Dimm

DM8B3VNS.PCB
DM8B3VST.PCB
DM8B3VSY.PCB

DM8B5VNS.PCB
DM8B5VST.PCB
DM8B5VSY.PCB

DM8BXVNS.PCB
DM8BXVST.PCB
DM8BXVSY.PCB

Std. Dimm

DM_CP128.PCB
DM_CP136.PCB
DM_CP144.PCB
DM_CP160.PCB
DM_CP200.PCB

DM_LP128.PCB
DM_LP136.PCB
DM_LP144.PCB
DM_LP160.PCB
DM_LP200.PCB

Eurocard

EC3UX100.PCB
EC3UX160.PCB
EC3UX220.PCB
EC3UX280.PCB
EC3UX340.PCB
EC3UX400.PCB

EC6UX100.PCB
EC6UX160.PCB
EC6UX220.PCB
EC6UX280.PCB
EC6UX340.PCB
EC6UX400.PCB

EC9UX100.PCB
EC9UX160.PCB
EC9UX220.PCB
EC9UX280.PCB
EC9UX340.PCB
EC9UX400.PCB

ISA

ISA.PCB

PC/104

PC104_16.PCB
PC104_8.PCB

PCI

PCI3332S.PCB
PCI3332L.PCB
PCI3364S.PCB
PCI3364L.PCB

PCI5032S.PCB
PCI5032L.PCB
PCI5064S.PCB
PCI5064L.PCB

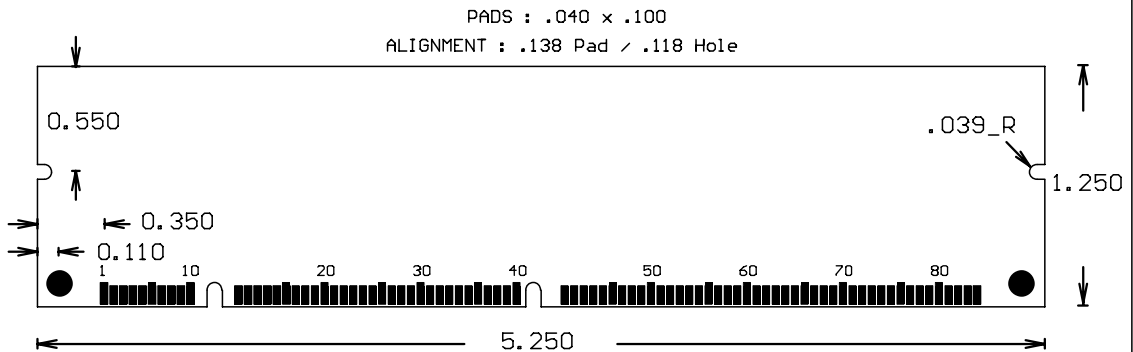
PCIUN32S.PCB
PCIUN32L.PCB
PCIUN64S.PCB
PCIUN64L.PCB

XT

XT.PCB

8 BYTE .050 DIMM BOARDBLANKS

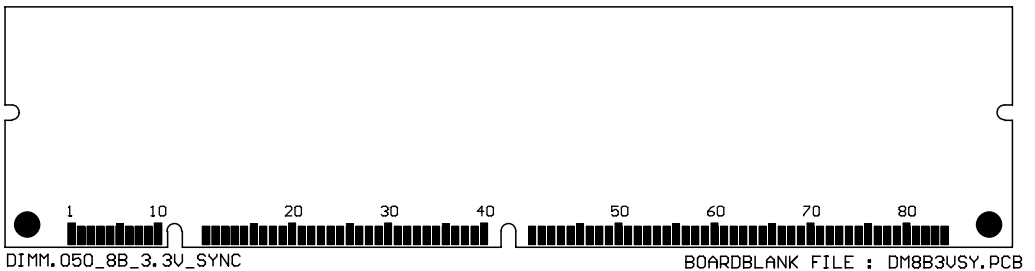
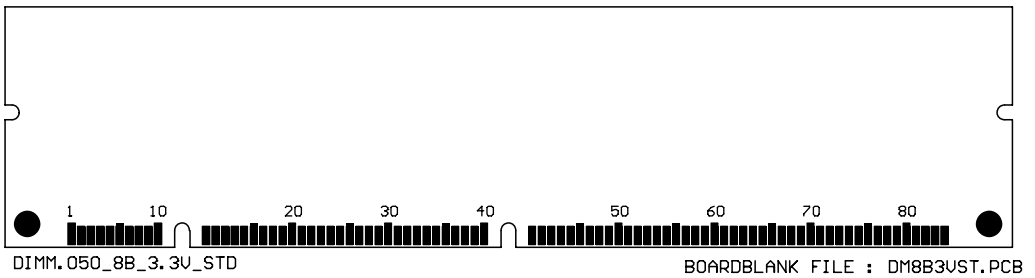
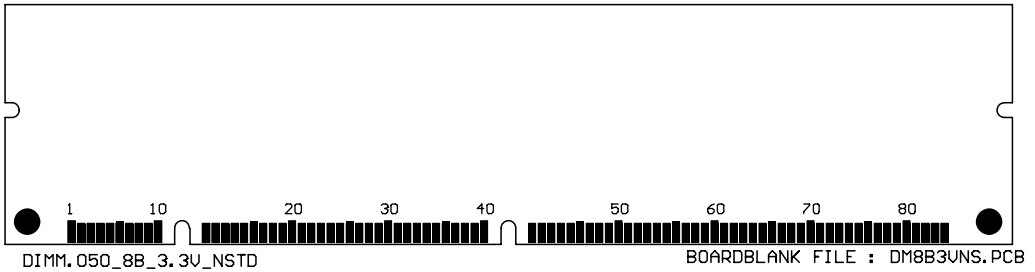
CONFIRM INFORMATION USING CURRENT VENDOR DATA SHEETS



v6.00	8 BYTE .050 DIMM	
		DIMM050-1

8 BYTE .050 DIMM BOARDBLANKS

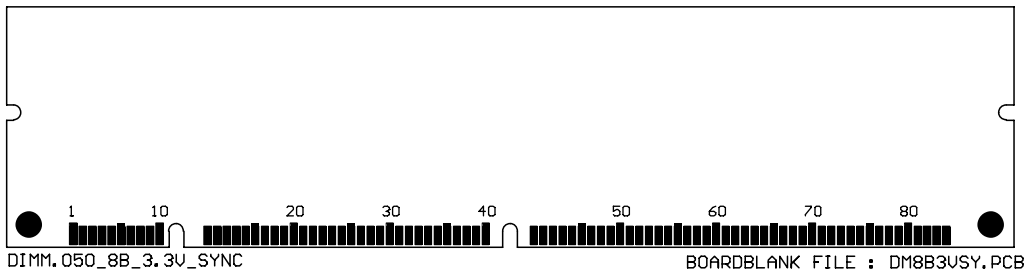
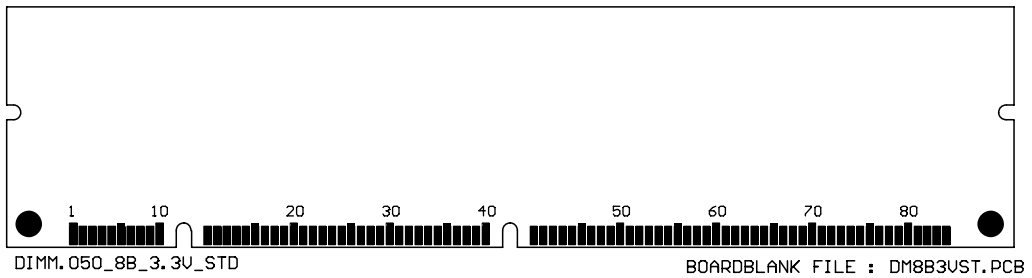
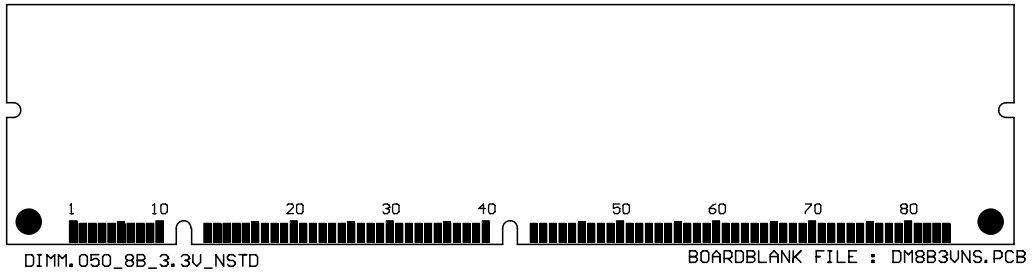
3.3 VOLT



v6.00	8 BYTE .050 DIMM	
		DIMM050B-2

8 BYTE .050 DIMM BOARDBLANKS

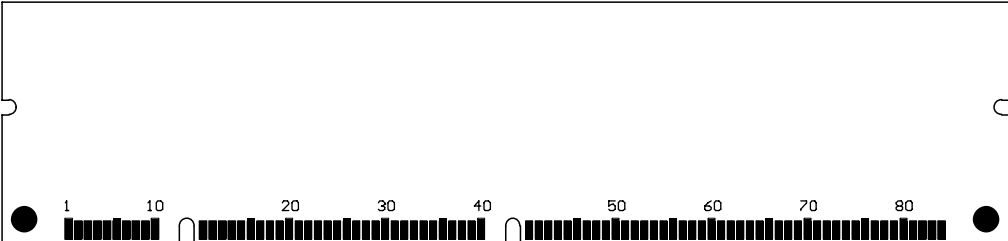
3.3 VOLT



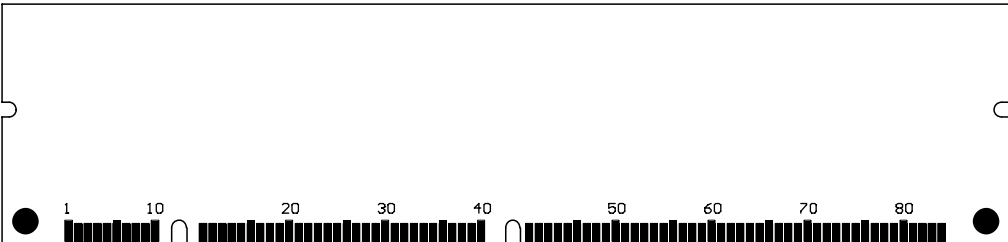
v6.00	8 BYTE .050 DIMM	
		DIMM050B-2

8 BYTE .050 DIMM BOARDBLANKS

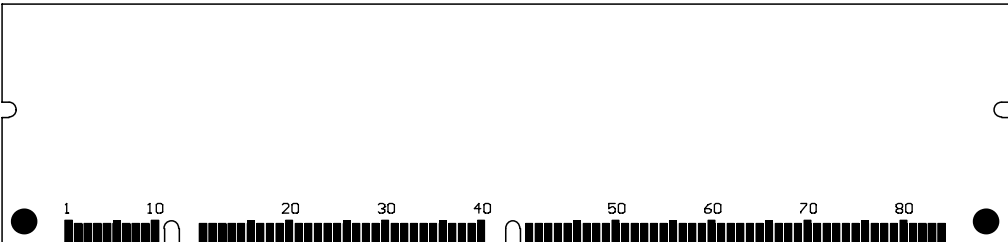
X.X VOLT



BOARDBLANK FILE : DM8BXUNS.PCB



BOARDBLANK FILE : DM8BXVST.PCB



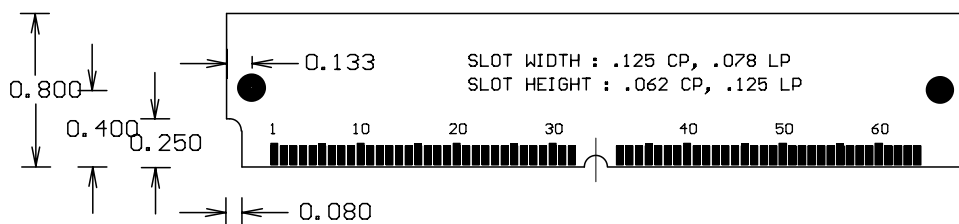
BOARDBLANK FILE : DM8BXVSY.PCB

v6.00	.050 8 BYTE DIMM BOARDBLANK	
		DIMM050B-4

.050 DIMM PCB BOARDBLANKS

CONFIRM DATA USING CURRENT VENDOR DATA SHEETS

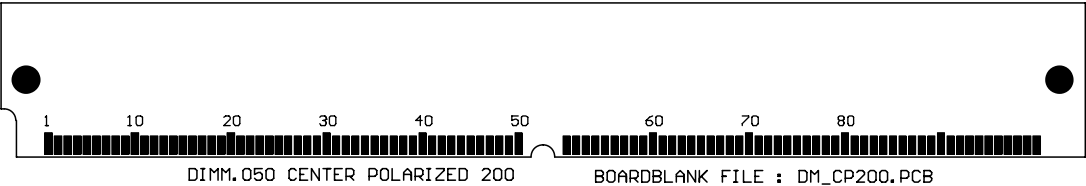
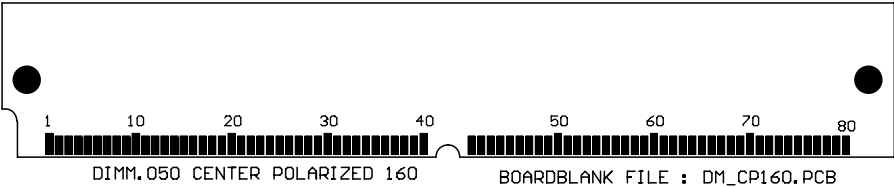
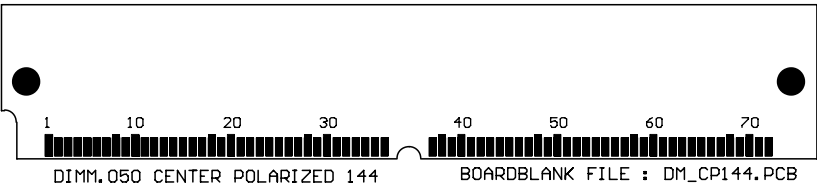
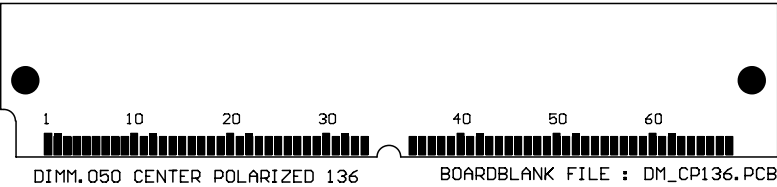
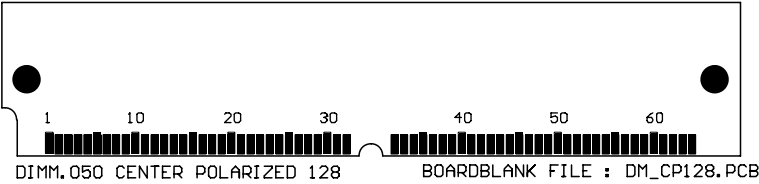
INDEX : CENTER & LEFT POLARIZED
PINOUT : SEQUENTIAL
PAD : .040 × .100
ALIGNMENT : .145 PAD / .125 HOLE



v6.60	.050 DIMM BOARDBLANK	
		DIMM050B-5

.050 DIMM PCB BOARDBLANKS

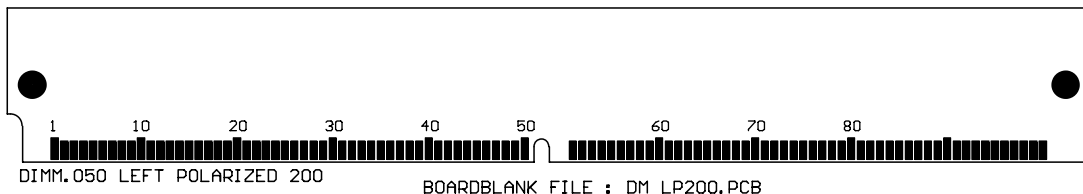
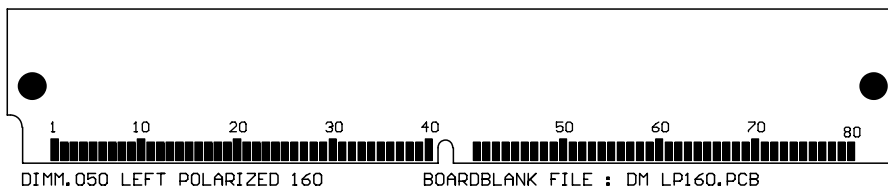
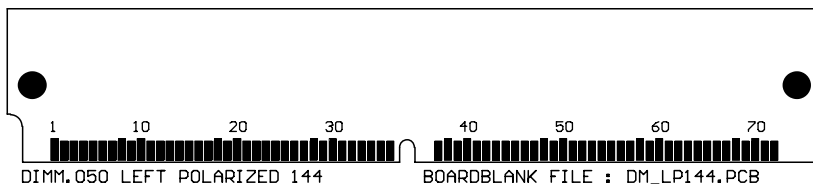
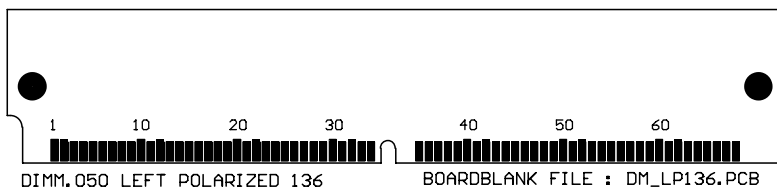
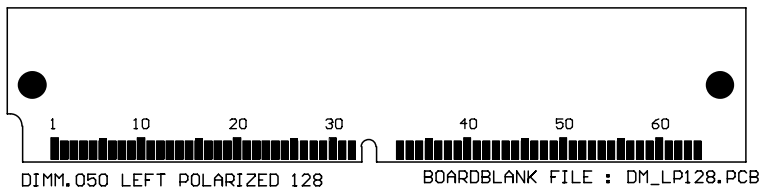
CENTER POLARIZED



v6.60	.050 DIMM BOARDBLANK	
		DIMM050B-6

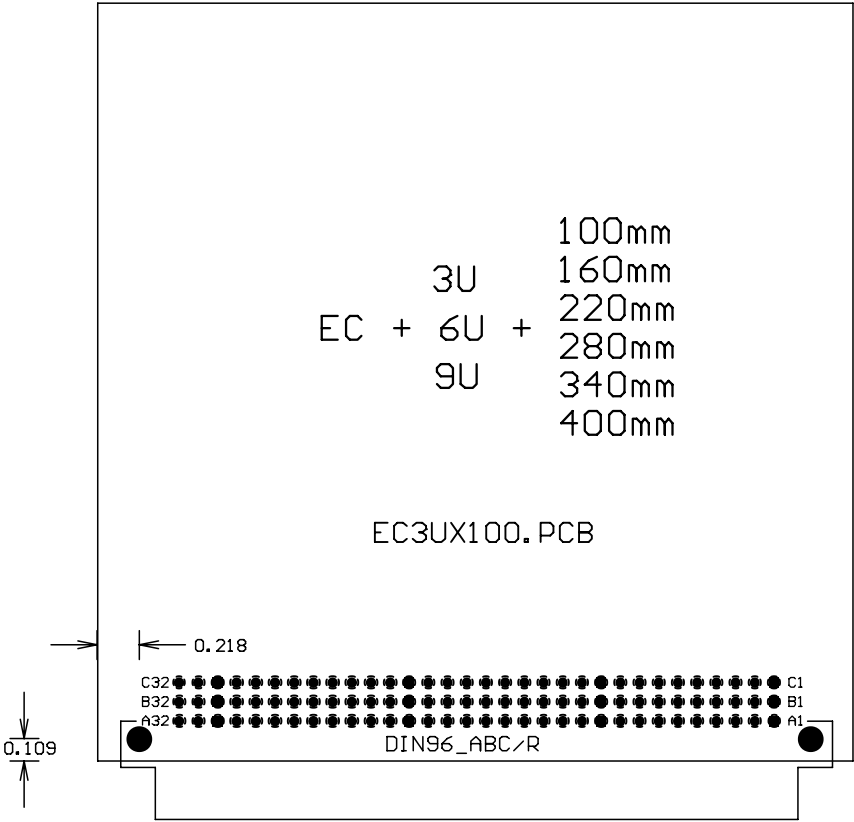
.050 DIMM PCB BOARDBLANKS

LEFT POLARIZED



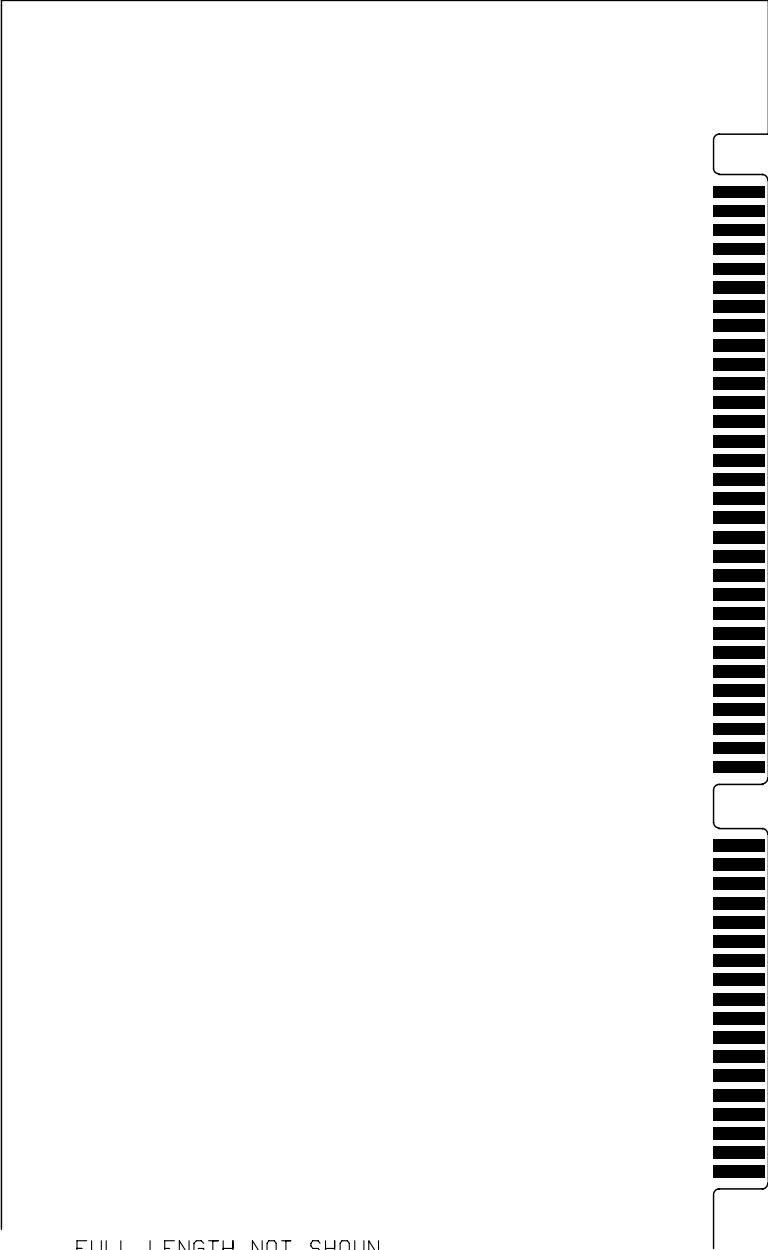
v6.60	.050 DIMM BOARDBLANK	
		DIMM050B-7

EUROCARD COMPATIBLE PCB BOARDBLANKS



v7.10	EUROCARD BOARDBLANKS	
		EUROB-1

ISA_COMPATIBLE_PCB_BOARDBLANK

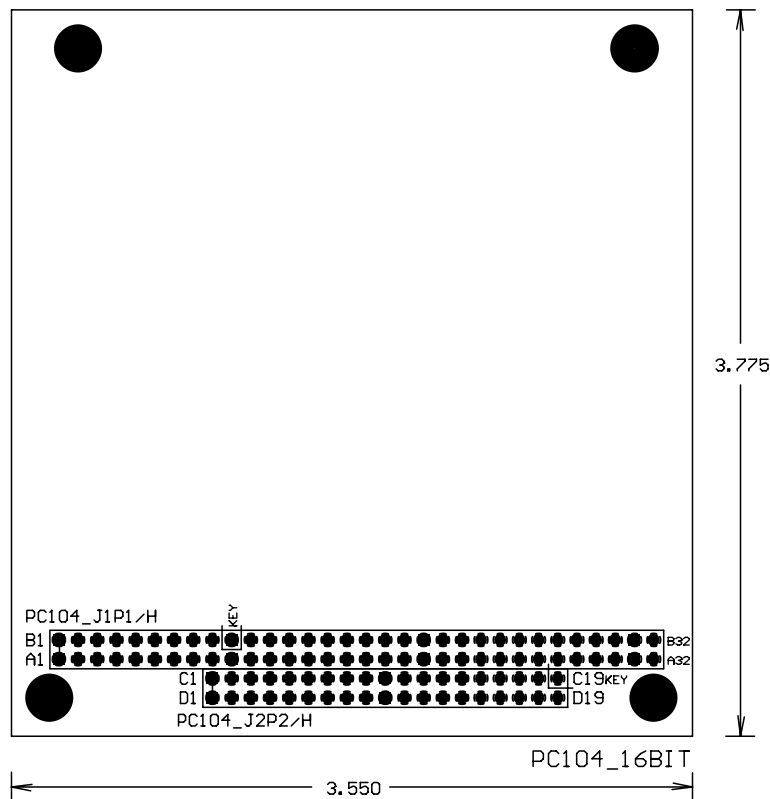


FULL_LENGTH_NOT_SHOWN

DIMENSIONS_ON_COMMENT_LAYER

BOARDBLANKS	ISA_COMPATIBLE_BOARDBLANK	PAGE
v7.10		ISAB-1

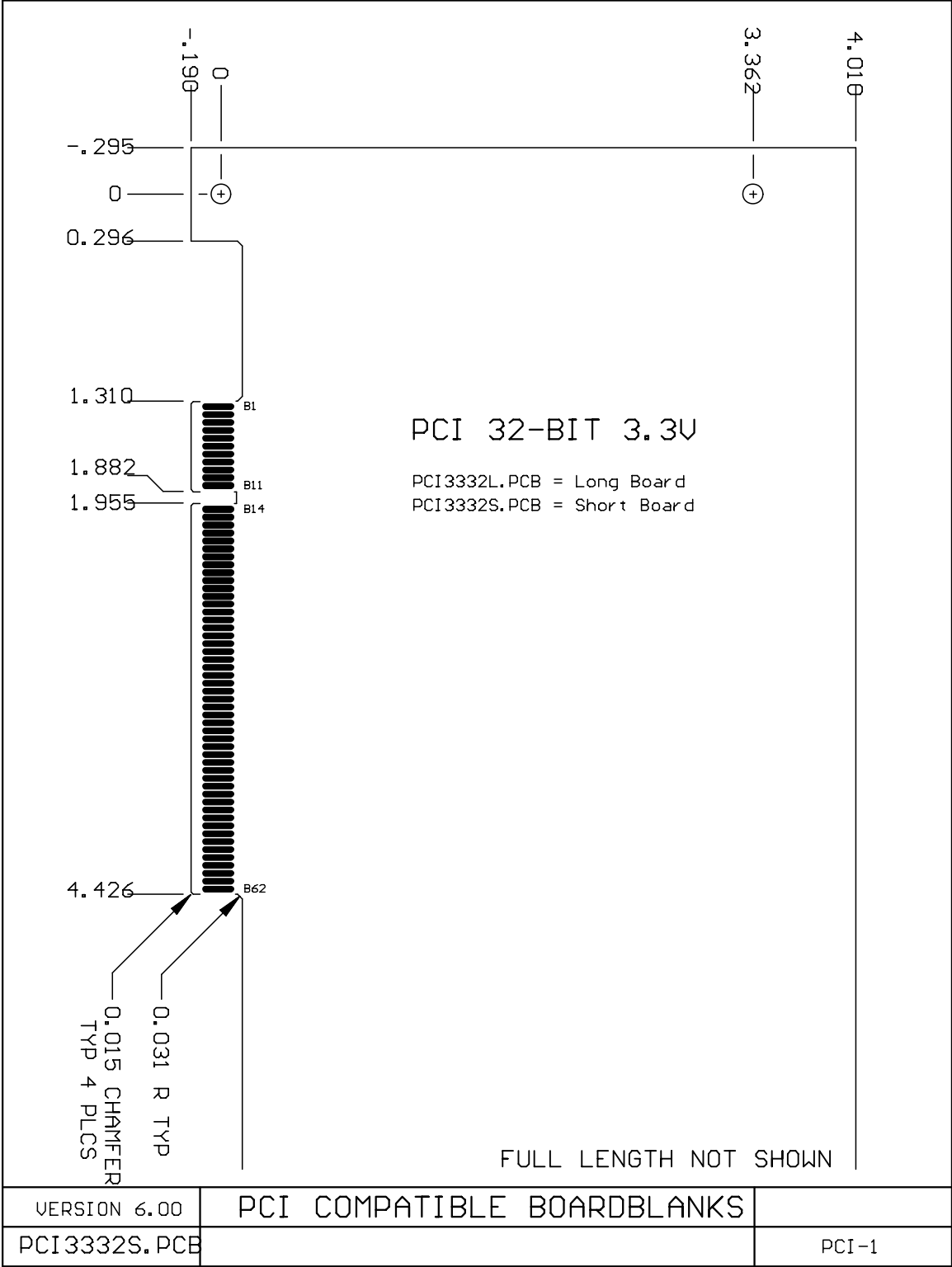
PC/104 COMPATIBLE PCB BOARDBLANKS

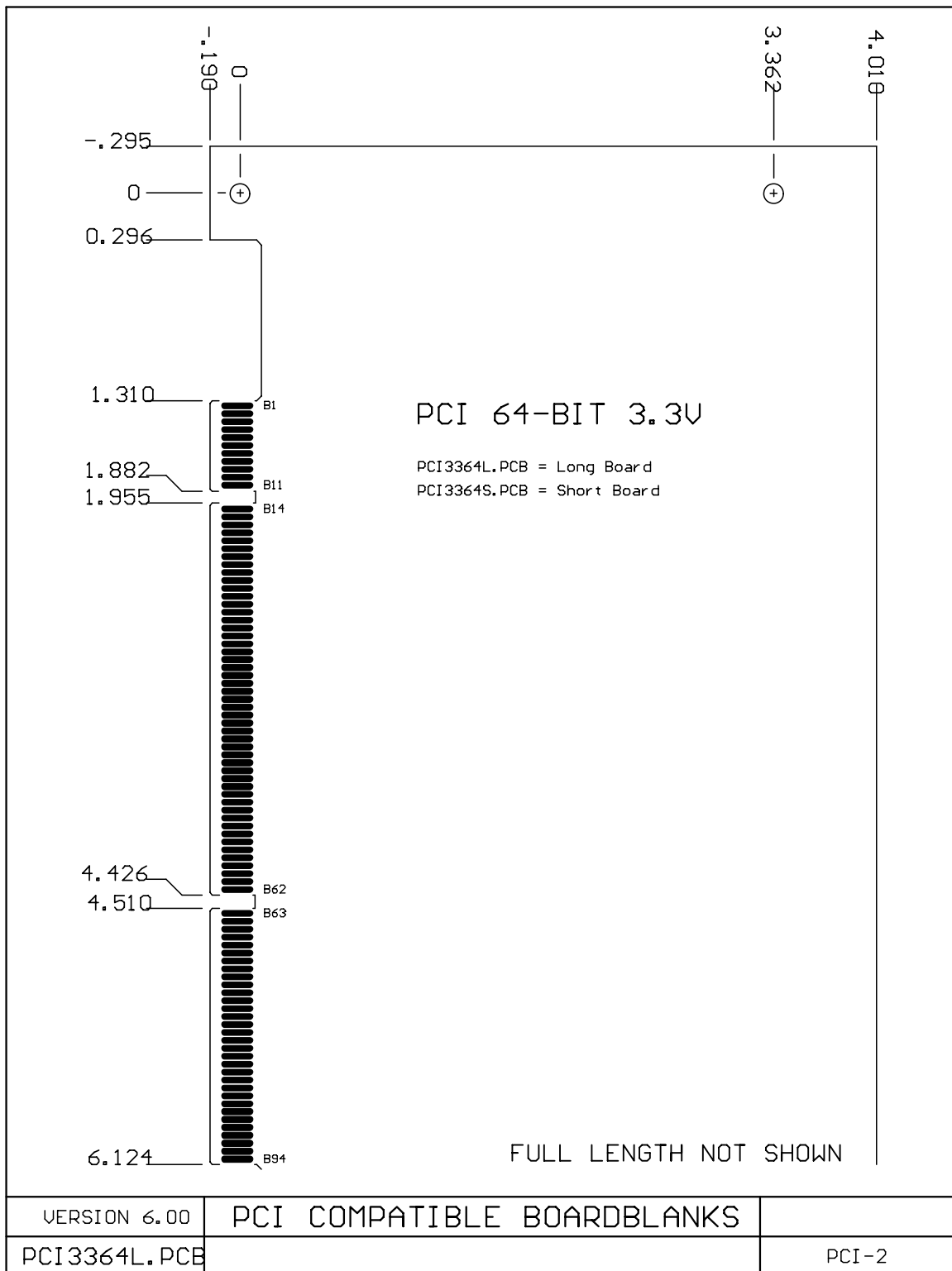


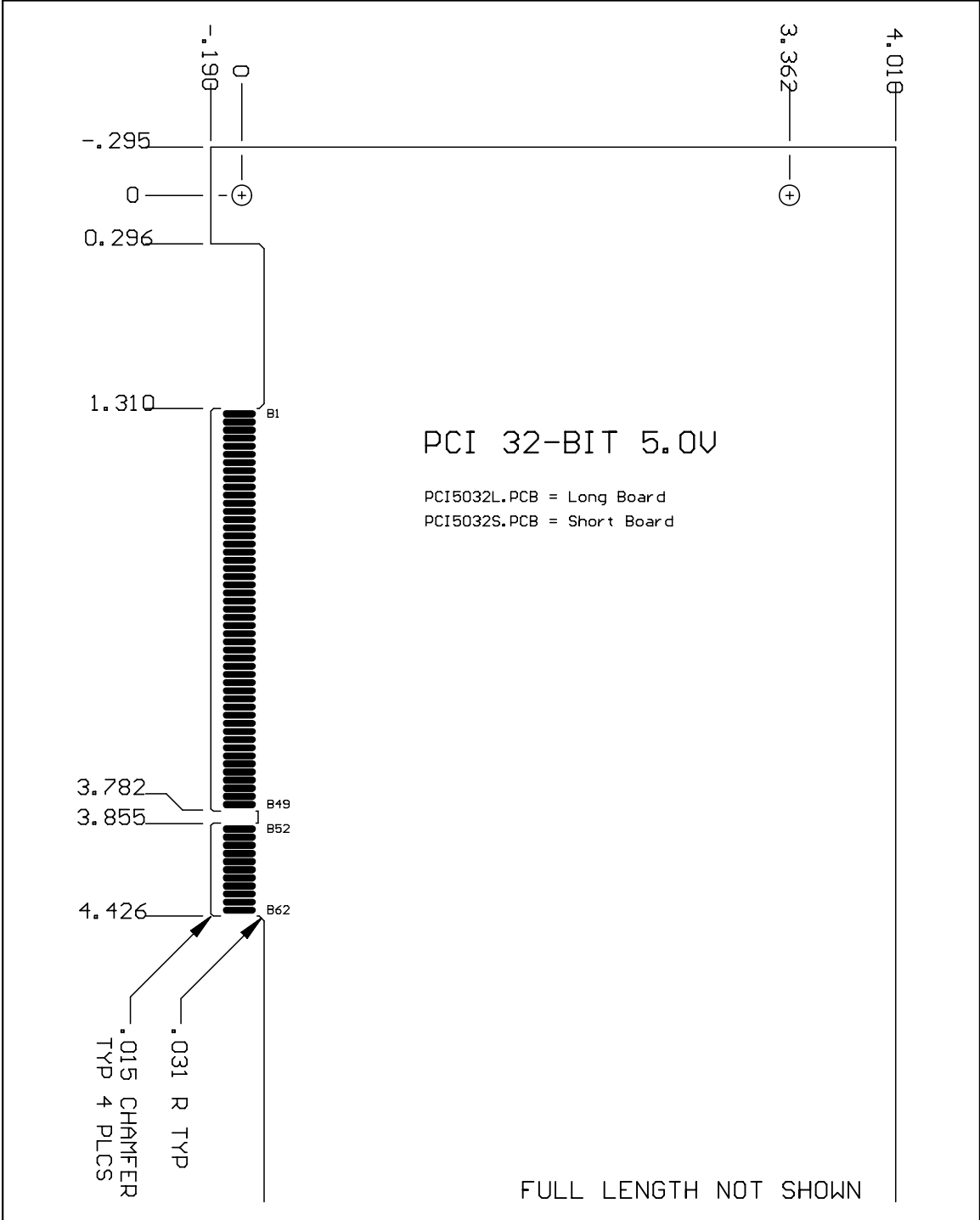
8 BIT FILENAME : PC104_8.PCB

16 BIT FILENAME : PC104_16.PCB

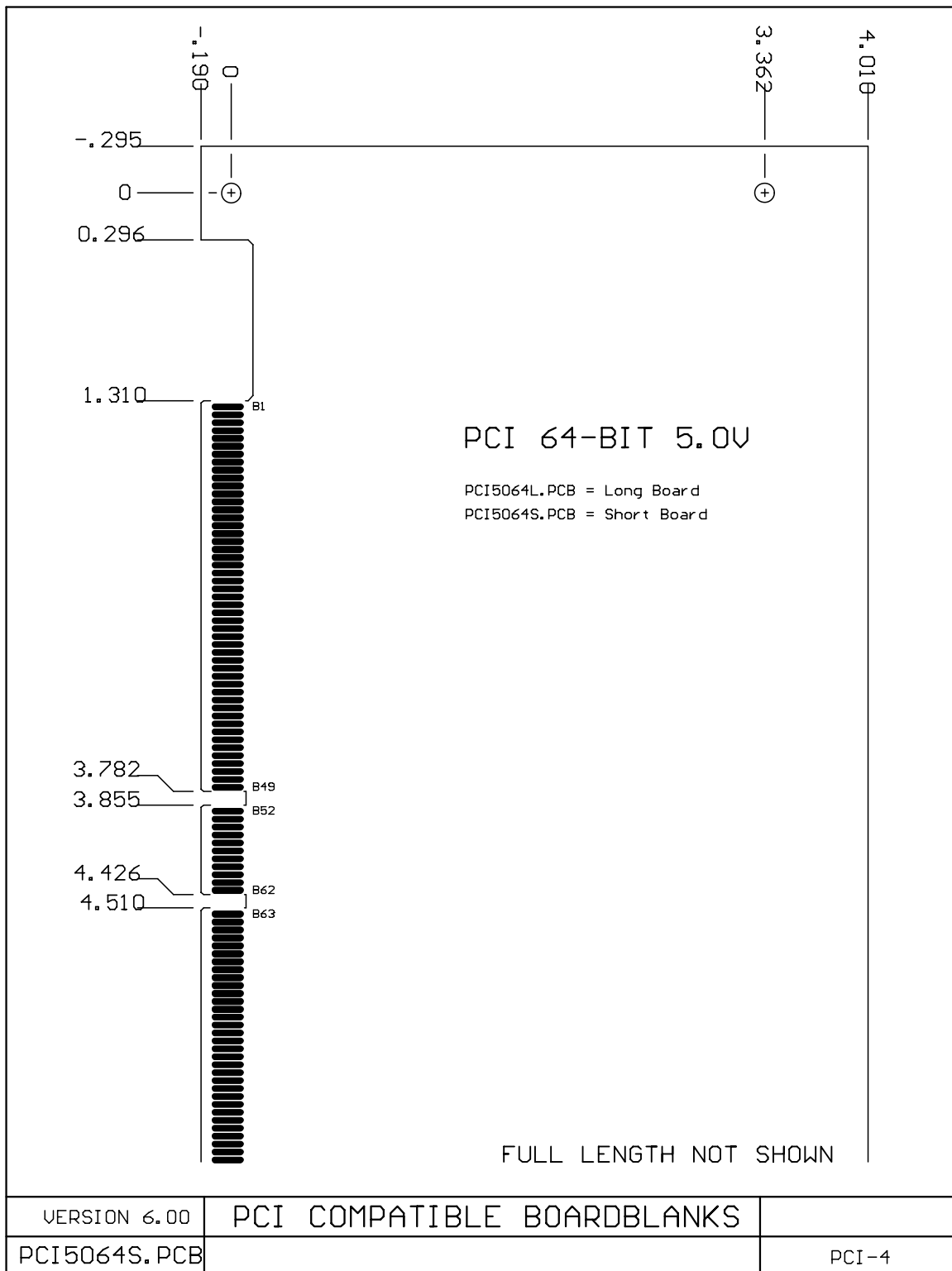
v7.10	PC/104 BOARDBLANK	
		PC104B-1

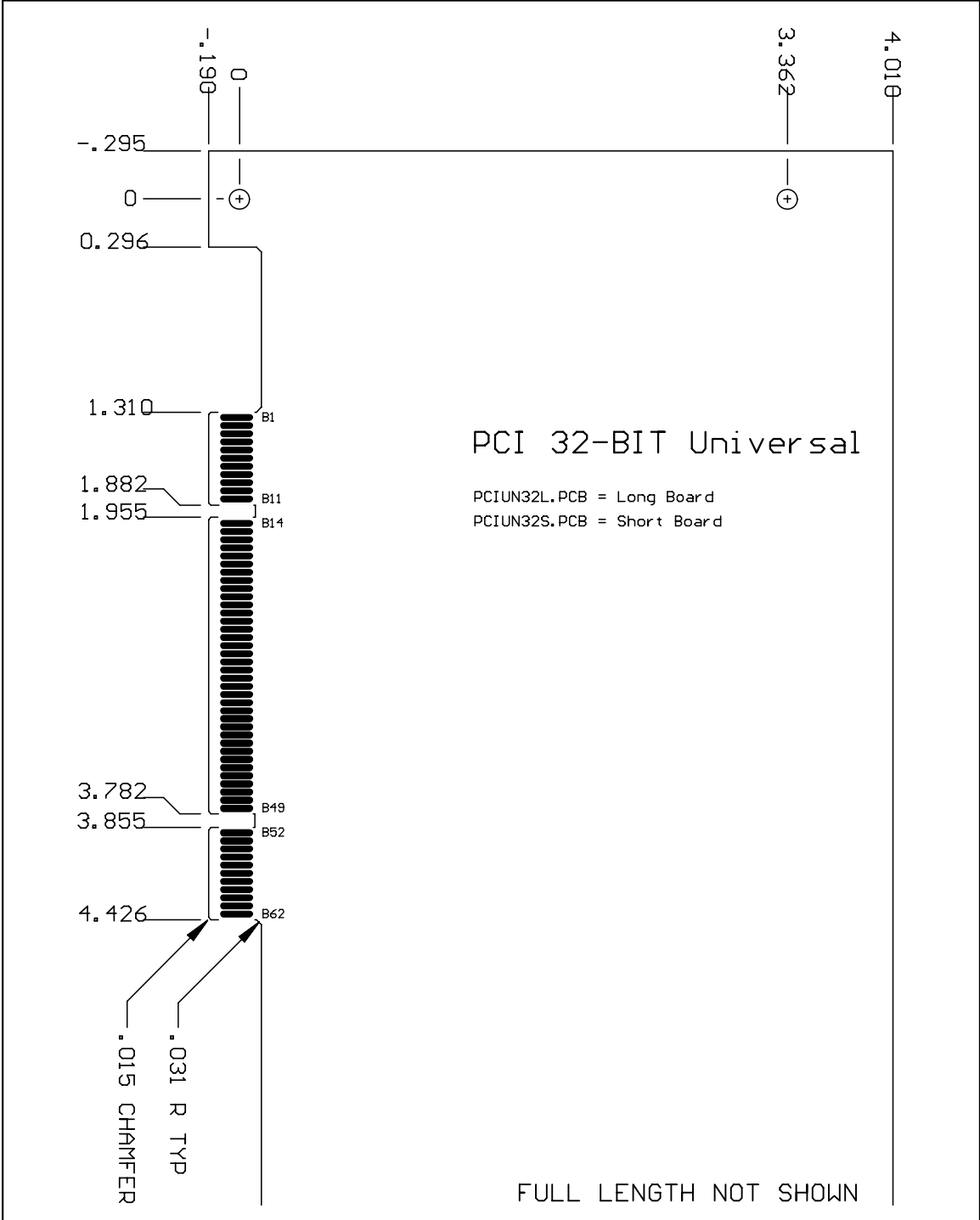




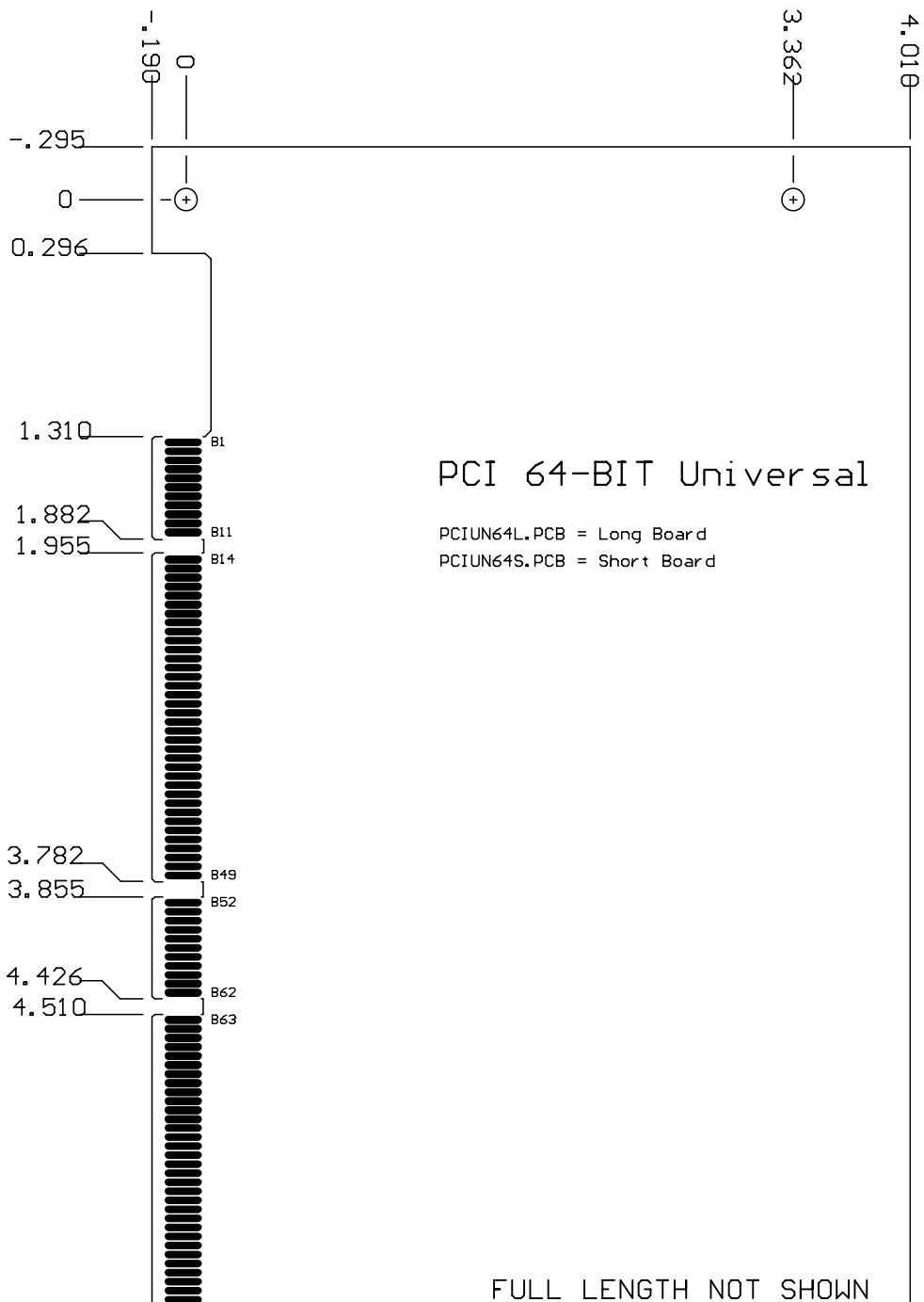


VERSION 6.00	PCI COMPATIBLE BOARDBLANKS	
PCI5032S.PCB		PCI-3





VERSION 6.00	PCI COMPATIBLE BOARDBLANKS	
PCIUN32S.PCB		PCI-5



PCI 64-BIT Universal

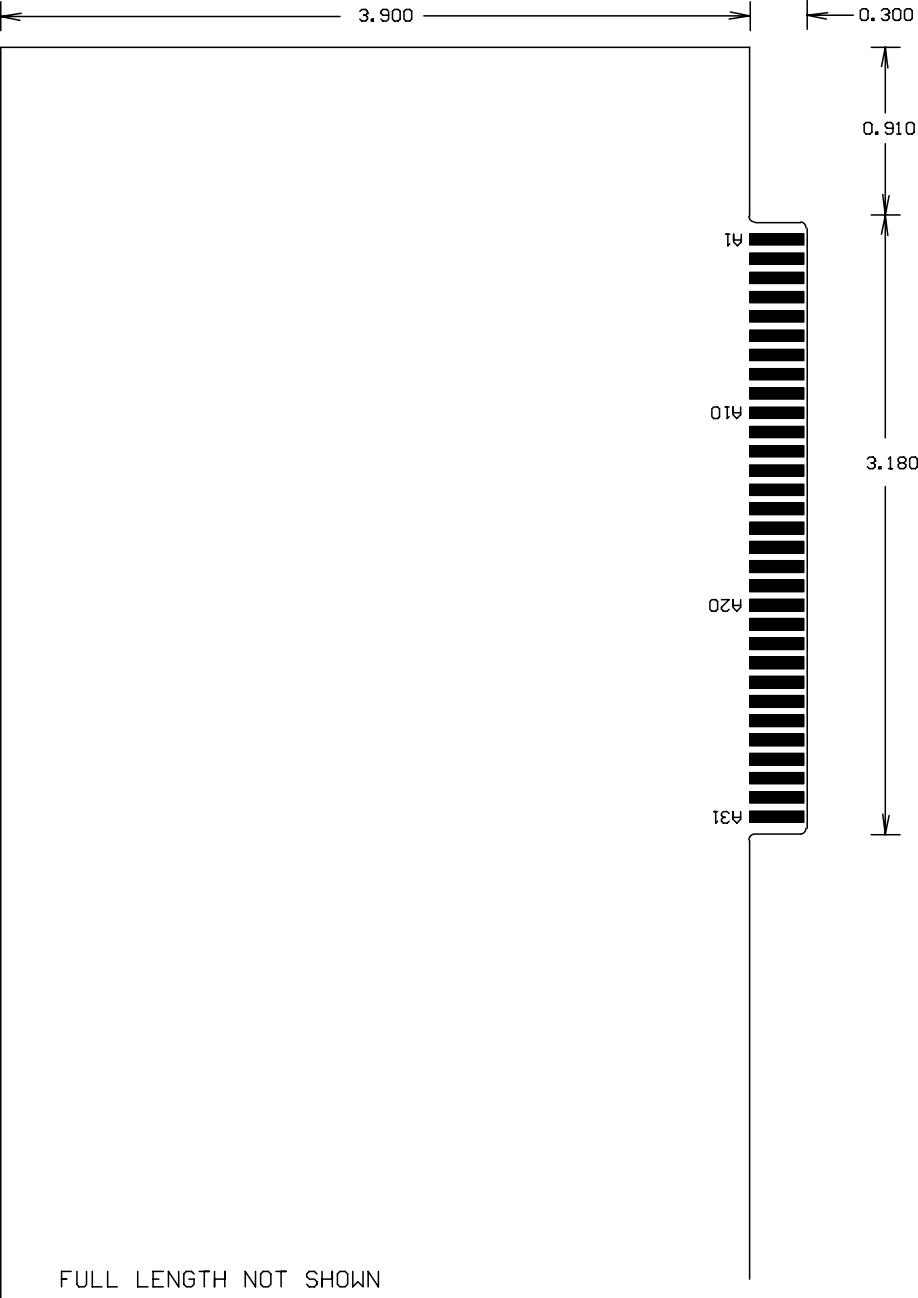
PCIUN64L.PCB = Long Board

PCIUN64S.PCB = Short Board

FULL LENGTH NOT SHOWN

VERSION 6.00	PCI COMPATIBLE BOARDBLANKS	
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XT COMPATIBLE PCB BOARDBLANK



v7.10	XT COMPATIBLE BOARDBLANK	
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CM10SB 119

CM10SW 123

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DIMM, 50 mil

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