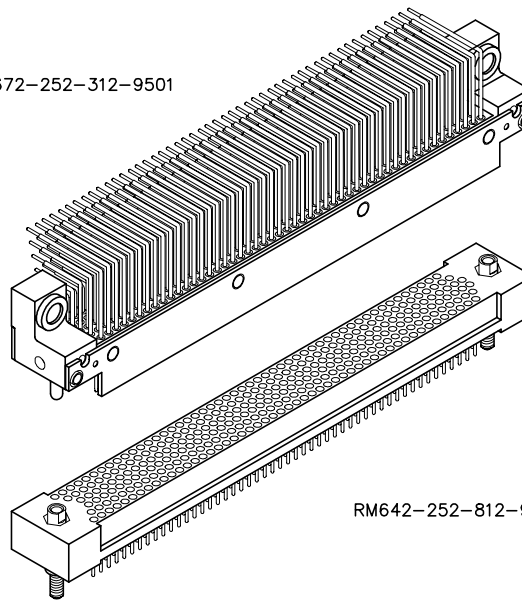


6 • ROW Daughterboard to Motherboard or Chassis

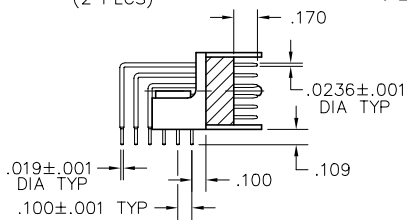
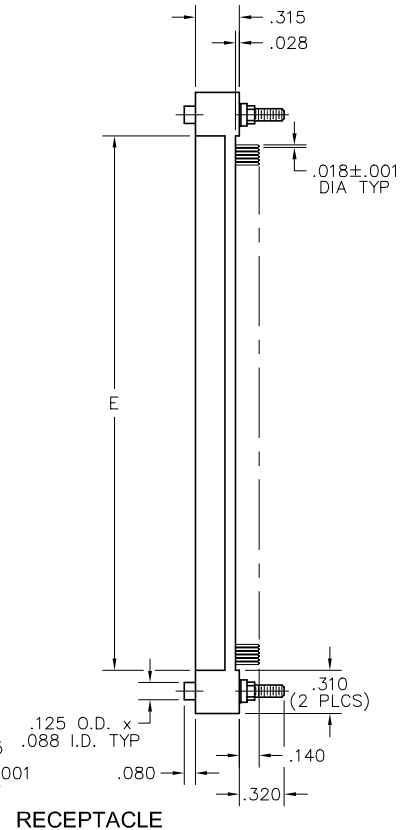
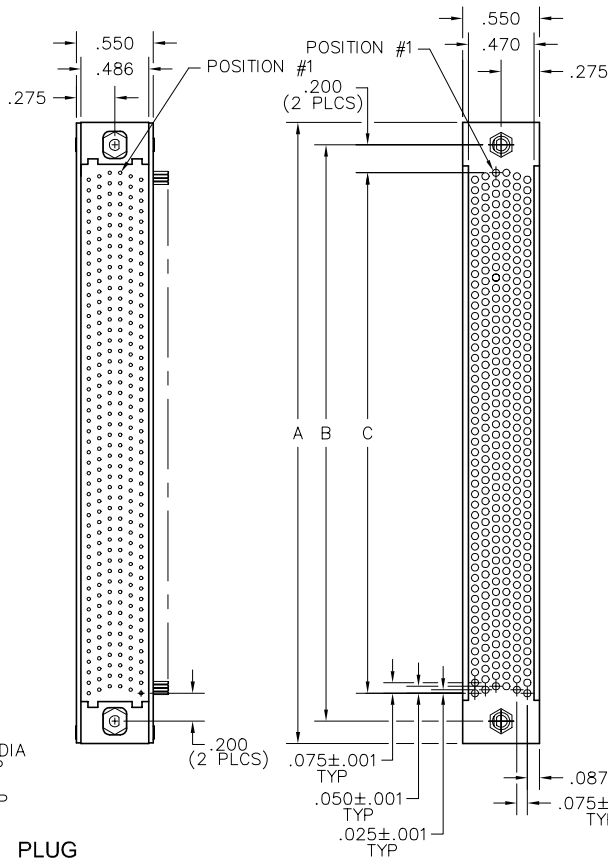
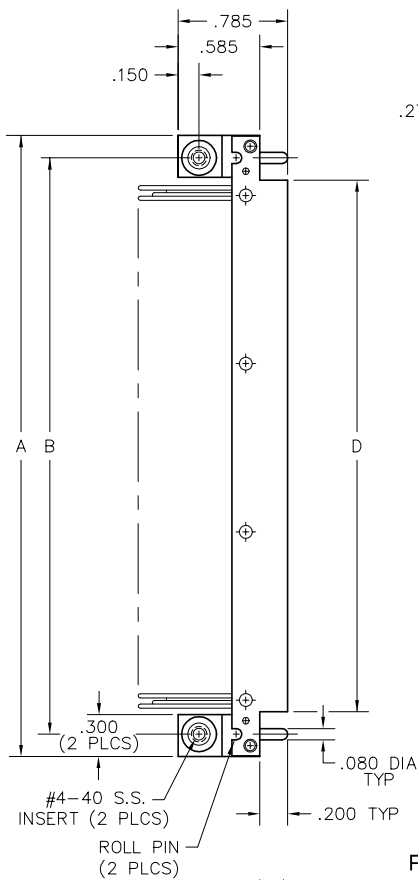
.075"

RM6

162 thru 402 Contacts



RM642-252-812-9601



DIMENSIONS					
SIZE	A	B	C	D	E
162	2.720	2.400	2.000	2.080	2.100
204	3.245	2.925	2.525	2.605	2.625
252	3.845	3.525	3.125	3.205	3.225
300	4.445	4.125	3.725	3.805	3.825
360	5.195	4.875	4.475	4.550	4.575
402	5.720	5.400	5.000	5.080	5.100

PLUG: RM672-252-312-9501
RECEPTACLE: RM642-252-812-9601
 XXXXX-XXX-XXX-XXXX

PLUG		RECEPTACLE	
SERIES			
RM .075" Screw Machine PC Connector		RM .075" Screw Machine PC Connector	
BODY			
6 6-Row	6 6-Row		
BODY STYLE:		BODY STYLE:	
7 Plug, right angle, with mounting ears	4 Receptacle, straight, without mounting ears		
BODY MATERIAL:		BODY MATERIAL:	
2 Polyphenylene sulfide (PPS)	2 Polyphenylene sulfide (PPS)		
SIZE			
162, 204, 252, 300, 360, 402		162, 204, 252, 300, 360, 402	
CONTACTS			
TYPE CONTACTS/TERMINATIONS:		TYPE CONTACTS/TERMINATIONS:	
31 Pin, right angle, dip solder, .109" x .019" dia	76 Socket, straight, solder cup		
32 Pin, right angle, dip solder, .140" x .019" dia	77 Socket, straight, flex, .093" x .017" dia		
33 Pin, right angle, dip solder, .172" x .019" dia	81 Socket, straight, dip solder, .109" x .018" dia		
	82 Socket, straight, dip solder, .140" x .018" dia		
	83 Socket, straight, dip solder, .172" x .018" dia		
	87 Socket, straight, press-fit, .188" (Board: .093" - .125" thk)		
	88 Socket, straight, press-fit, .308" (Board: .156" - .200" thk)		
	89 Socket, straight, press-fit, .388" (Board: .250"+ thk)		
PLATING OPTIONS:		PLATING OPTIONS:	
1 Gold plated termination	1 Gold plated termination		
2 Pre-tinned termination	2 Pre-tinned termination (except solder cup or flex)		
HARDWARE			
STYLE OF HARDWARE:		STYLE OF HARDWARE:	
0256 None	0256 None		
93 Fixed jackset, #4-40 thread	92 Hex turning jackset, #4-40 thread		
95 Guide pins, polarized, unassembled	93 Fixed jackset, #4-40 thread		
9501 - 9536 Guide pins, polarized, installed	96 Guide sockets, polarized, unassembled, #2-56 x .320" thread		
99 Guide pins, universal	9601 - 9636 Guide sockets, polarized, installed		
	97 Guide sockets, polarized, unassembled, #2-56 x .247" thread		
	9701 - 9736 Guide sockets, polarized, installed		
	98 Guide sockets, universal, #2-56 x .247" thread		
POLARIZATION:		POLARIZATION:	
00 None	00 None		
01 thru 36 are special identifiers, see page R-57	01 thru 36 are special identifiers, see page R-57		

6 • ROW

Right Angle PTH Plug

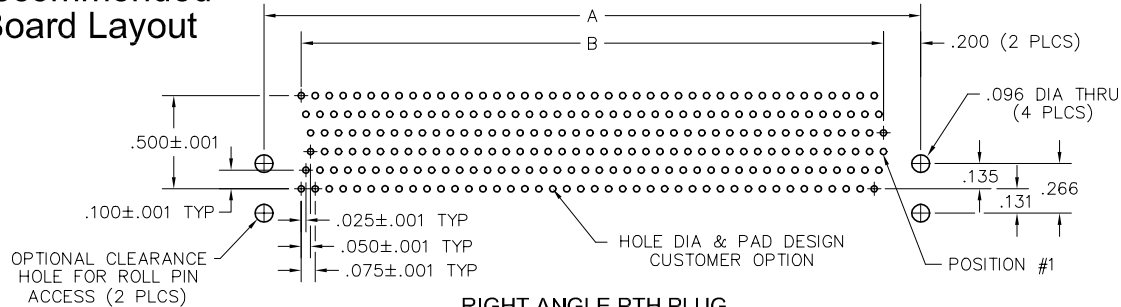
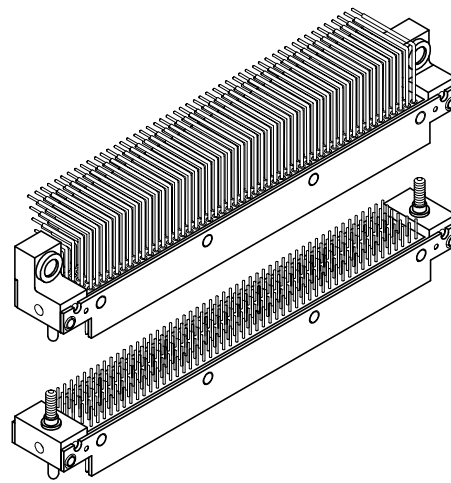
Straight PTH Plug

.075"

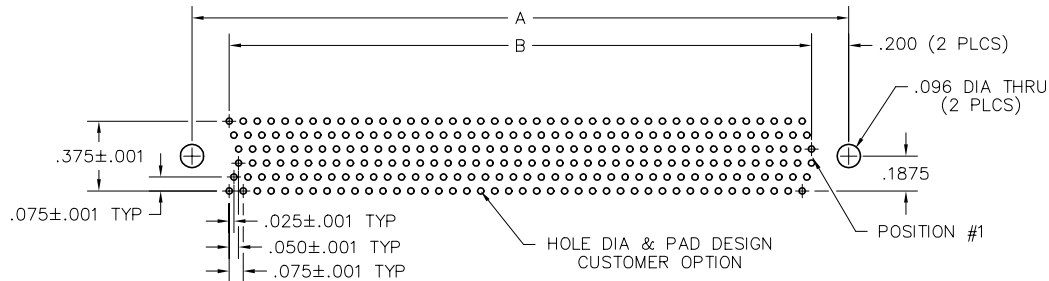
RM6

162 thru 402 Contacts
Recommended
Board Layout

DIMENSIONS		
SIZE	A	B
162	2.400	2.000
204	2.925	2.525
252	3.525	3.125
300	4.125	3.725
360	4.875	4.475
402	5.400	5.000

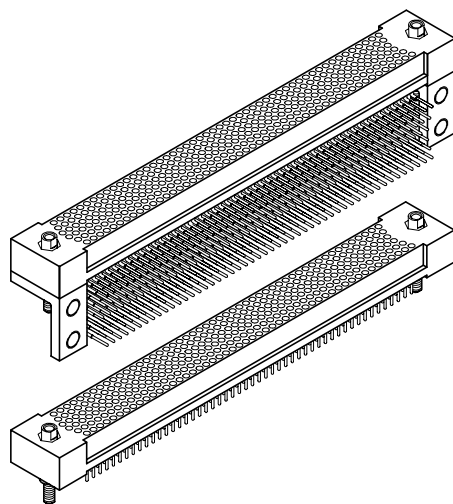


RIGHT ANGLE PTH PLUG
PC BOARD VIEWED FROM COMPONENT SIDE



STRAIGHT PTH PLUG
PC BOARD VIEWED FROM COMPONENT SIDE

SIZE	CONTACT ID		SIZE	CONTACT ID	
162	162	159 156	300	300	297 294
	161	158 155		299	296 293
	160	157 154		298	295 292
	79	76 73		148	145 142
	80	77 74		149	146 143
	81	78 75		150	147 144
	90	87 84		159	156 153
204	204	201 198	360	360	357 354
	203	200 197		359	356 353
	202	199 196		358	355 352
	100	97 94		178	175 172
	101	98 95		179	176 173
	102	99 96		180	177 174
	111	108 105		189	186 183
252	252	249 246	402	402	399 396
	251	248 245		401	398 395
	250	247 244		400	397 394
	124	121 118		199	196 193
	125	122 119		200	197 194
	126	123 120		201	198 195
	135	132 129		210	207 204



DIMENSIONS		
SIZE	A	B
162	2.400	2.000
204	2.925	2.525
252	3.525	3.125
300	4.125	3.725
360	4.875	4.475
402	5.400	5.000

6 • ROW

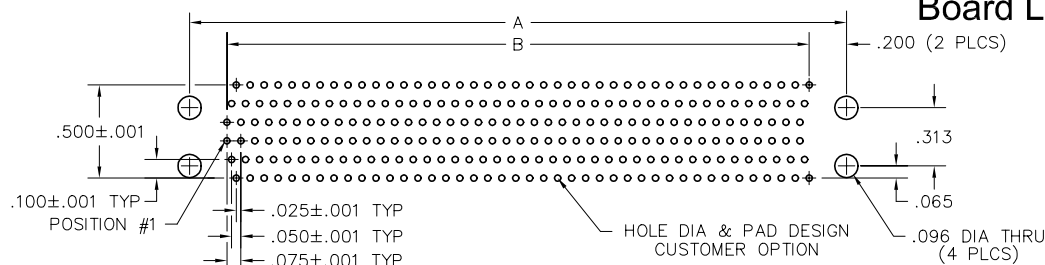
Right Angle PTH Rcpt

Straight PTH Rcpt

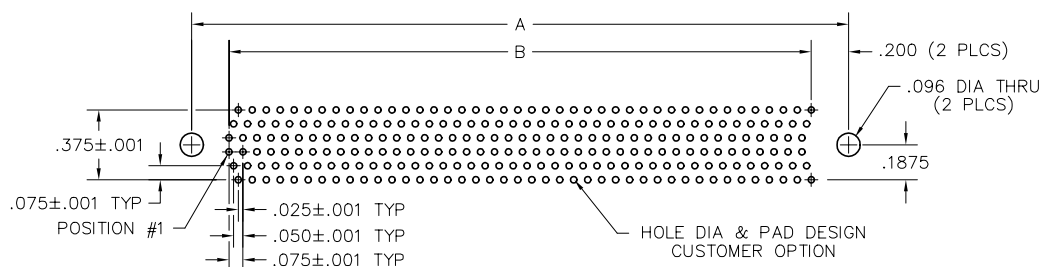
.075"

RM6

162 thru 402 Contacts
Recommended
Board Layout



RIGHT ANGLE PTH RECEPTACLE
PC BOARD VIEWED FROM COMPONENT SIDE



STRAIGHT PTH RECEPTACLE
PC BOARD VIEWED FROM COMPONENT SIDE

SIZE	CONTACT ID	SIZE	CONTACT ID
162	(84 87 90)	300	(153 156 159)
	(83 86 89)		(294 297 300)
	(82 85 88)		(152 155 158)
	(1 4 7)		(293 296 299)
	(2 5 8)		(151 154 157)
204	(3 6 9)		(292 295 298)
	(105 108 111)		(1 4 7)
	(104 107 110)		(2 5 8)
	(103 106 109)		(3 6 9)
	(198 201 204)		(142 145 148)
252	(129 132 135)		(143 146 149)
	(128 131 134)		(144 147 150)
	(127 130 133)		(183 186 189)
	(1 4 7)		(354 357 360)
	(2 5 8)		(182 185 188)
300	(3 6 9)		(353 356 359)
	(246 249 252)		(181 184 187)
	(245 248 251)		(352 355 358)
	(244 247 250)		(1 4 7)
	(118 121 124)		(2 5 8)
360	(119 122 125)		(3 6 9)
	(120 123 126)		(172 175 178)
	(204 207 210)		(173 176 179)
	(203 206 209)		(174 177 180)
	(202 205 208)		(396 399 402)
402	(1 4 7)		(595 598 601)
	(2 5 8)		(394 397 400)
	(3 6 9)		(193 196 199)
			(194 197 200)
			(195 198 201)