

DIMENSIONS			
SIZE	A	B	C
86*	1.975	1.575	1.500
110*	2.425	2.025	1.950
164	3.700	1.500	1.425
196	4.300	1.800	1.725
204	4.450	1.875	1.800
220	4.750	2.025	1.950
250*	5.050	4.650	4.575
276	5.800	2.550	2.475
300	6.250	2.775	2.700
404	8.200	3.750	3.675

# 4 • ROW

## Right Angle PTH Rcpt

## Straight PTH Rcpt

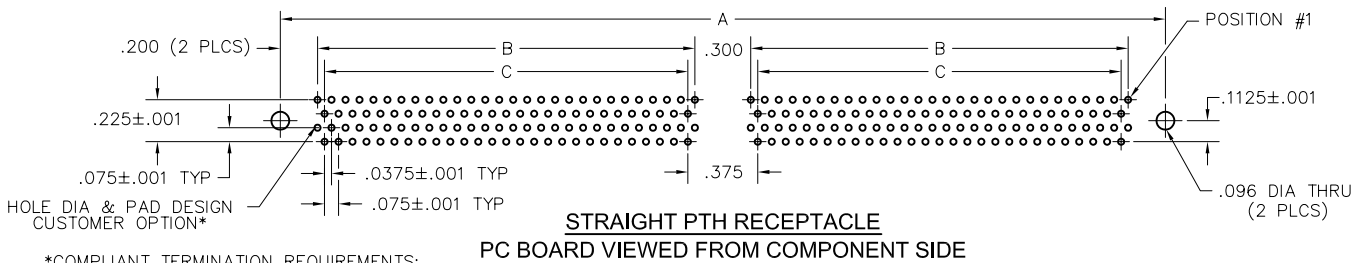
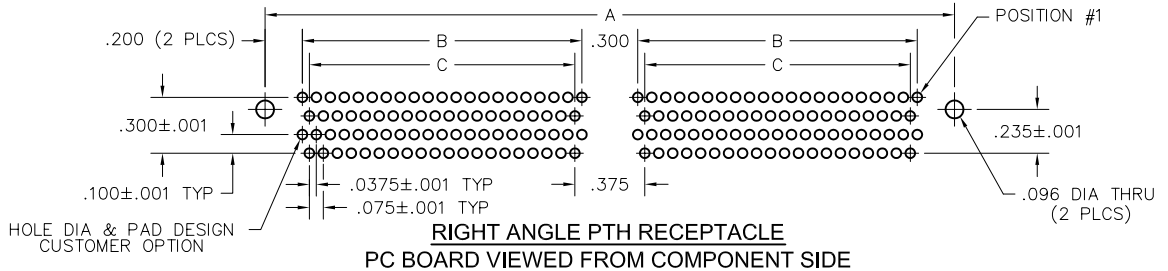
.075"

**RM4**

86 thru 404 Contacts

Recommended Board Layout

NOTES:  
\* = Single section, no center mounting hole



\*COMPLIANT TERMINATION REQUIREMENTS:  
Board Material: FR-4 w/ 1.0 oz. copper  
Minimum nominal board thickness: .062"  
Drilled hole: .0319"-.0339"  
Copper plating thickness: .0010" minimum  
Tin-lead plating thickness: .0006" maximum  
Electroplated tin-lead composition: 63/37 (Sn/Pb)  
Finished hole diameter: .028"±.002"

SIZE	CONTACT ID	SIZE	CONTACT ID																																																																																																
86*	<table border="0"> <tr><td>22</td><td>21</td><td>20</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>43</td><td>42</td><td>41</td><td>25</td><td>24</td><td>23</td></tr> <tr><td>65</td><td>64</td><td>63</td><td>46</td><td>45</td><td>44</td></tr> <tr><td>86</td><td>85</td><td>84</td><td>68</td><td>67</td><td>66</td></tr> </table>	22	21	20	3	2	1	43	42	41	25	24	23	65	64	63	46	45	44	86	85	84	68	67	66	220	<table border="0"> <tr><td>56</td><td>55</td><td>54</td><td>31</td><td>30</td><td>29</td><td>28</td><td>27</td><td>26</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>110</td><td>109</td><td>108</td><td>86</td><td>85</td><td>84</td><td>83</td><td>82</td><td>81</td><td>59</td><td>58</td><td>57</td></tr> <tr><td>166</td><td>165</td><td>164</td><td>141</td><td>140</td><td>139</td><td>138</td><td>137</td><td>136</td><td>113</td><td>112</td><td>111</td></tr> <tr><td>220</td><td>219</td><td>218</td><td>196</td><td>195</td><td>194</td><td>193</td><td>192</td><td>191</td><td>169</td><td>168</td><td>167</td></tr> </table>	56	55	54	31	30	29	28	27	26	3	2	1	110	109	108	86	85	84	83	82	81	59	58	57	166	165	164	141	140	139	138	137	136	113	112	111	220	219	218	196	195	194	193	192	191	169	168	167																								
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**PLUG:** RM452-164-312-9501  
**RECEPTACLE:** RM422-164-832-9601  
 XXXXX-XXX-XXX-XXXX

**PLUG**

**RECEPTACLE**

**SERIES**

RM .075" Screw Machine PC Connector | RM .075" Screw Machine PC Connector

**BODY**

4	4-Row	4	4-Row
5	BODY STYLE: Plug, right angle, with mounting ears	2	BODY STYLE: Receptacle, straight, without mounting ears
2	BODY MATERIAL: Polyphenylene sulfide (PPS)	2	BODY MATERIAL: Polyphenylene sulfide (PPS)

**SIZE**

086, 110, 164, 196, 204, 220, 250, 276, 300, 404 | 086, 110, 164, 196, 204, 220, 250, 276, 300, 404

**CONTACTS**

<b>TYPE CONTACTS/TERMINATIONS:</b>		<b>TYPE CONTACTS/TERMINATIONS:</b>	
31	Pin, right angle, dip solder, .109" x .019" dia	75	Socket, straight, dip solder, .250" x .018" dia
32	Pin, right angle, dip solder, .140" x .019" dia	76	Socket, straight, solder cup
33	Pin, right angle, dip solder, .172" x .019" dia	77	Socket, straight, flex, .093" x .017" dia
		78	Socket, straight, wire wrap®, .500" x .018" sq
		79	Socket, straight, wire wrap®, .375" x .018" sq
		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)

<b>PLATING OPTIONS:</b>		<b>PLATING OPTIONS:</b>	
1	Gold plated termination	1	Gold plated termination
2	Pre-tinned termination	2	Pre-tinned termination (except solder cup, flex, wire wrap® or press-fit)

**HARDWARE**

<b>STYLE OF HARDWARE:</b>		<b>STYLE OF HARDWARE:</b>	
0256	None	0256	None
83	Fixed jackset, reversed, installed	82	Hex turning jackset, reversed, installed, .200 knob
90	Guide pins, full round, installed	91	Guide sockets, full round, installed, #2-56 x .247" thd ext
93	Fixed jackset, installed	92	Hex turning jackset, installed, .200 knob
95	Guide pins, polarized, unassembled	96	Guide sockets, polarized, unassembled, #2-56 x .320" thd ext
9501 - 9536	Guide pins, polarized, installed	9601 - 9636	Guide sockets, polarized, installed, #2-56 x .320" thd ext
99	Guide pins, universal, installed	97	Guide sockets, polarized, unassembled, #2-56 x .247" thd ext
		9701 - 9736	Guide sockets, polarized, installed, #2-56 x .247" thd ext
		98	Guide sockets, universal, installed, #2-56 x .247" thd ext

<b>POLARIZATION:</b>		<b>POLARIZATION</b>	
00	None	00	None
01	thru 36 are special identifiers, see page R-57	01	thru 36 are special identifiers, see page R-57