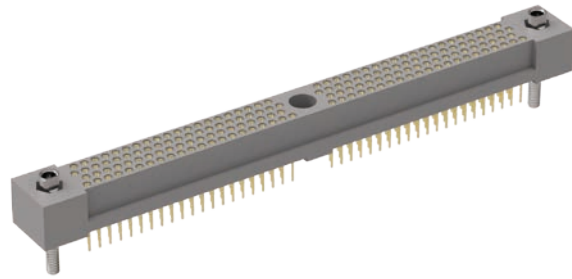


R Series

High-Density
0.075"
(1.905mm)



4
Row

RM – Four-Row, Straight, Board-Mount Receptacle

Contact Spacing: 0.075" (1.91 mm)
R-Series products are high-density, plastic connectors commonly used in board-to-board applications. Approved to MIL-55302 standard.

Sample Part Number Format: RM422-164-832-9601

SERIES	ROWS	STYLE	BODY MATERIAL	SIZE	PLATING	POLARIZATION
0.075" Plastic Rectangular Connector (Receptacle)	4 – 4-Row (86-404 contacts)	2 – Receptacle, straight without mounting ears	2 – Polyphenylene sulfide (PPS)	086 – 86 contacts 110 – 110 contacts 164 – 164 contacts 196 – 196 contacts 204 – 204 contacts 220 – 220 contacts 250 – 250 contacts 276 – 276 contacts 300 – 300 contacts 404 – 404 contacts	1 – Gold 2 – Pre-tinned, SnPb alloy ‡ 3 – Pre-tinned, SAC305 alloy	00 – None XX – See page 141 for codes
				TERMINATION 75 – Plated thru-hole, 0.250" x 0.018" Ø 81 – Plated thru-hole, 0.109" x 0.018" Ø 82 – Plated thru-hole, 0.140" x 0.018" Ø 83 – Plated thru-hole, 0.172" x 0.018" Ø 87 – Press-fit, 0.188" (board 0.093"–0.125" thick) 88 – Press-fit, 0.308" (board 0.156"–0.200" thick)	HARDWARE 0256 – None 84 – Fixed jackset, reversed, #2-56 x 0.320" 91 – Guide sockets, full round, #2-56 x 0.247" 92 – Hex turning jackset, 0.200" 93 – Fixed jackset, #2-56 x 0.247" 94 – Fixed jackset, #2-56 x 0.320" 96 – Guide sockets, polarized, #2-56 x 0.320" ** 9601-9636 – Guide sockets, polarized, #2-56 x 0.320" 97 – Guide sockets, polarized, #2-56 x 0.247" ** 9701-9736 – Guide sockets, polarized, #2-56 x 0.247" 98 – Guide sockets, universal, #2-56 x 0.247"	

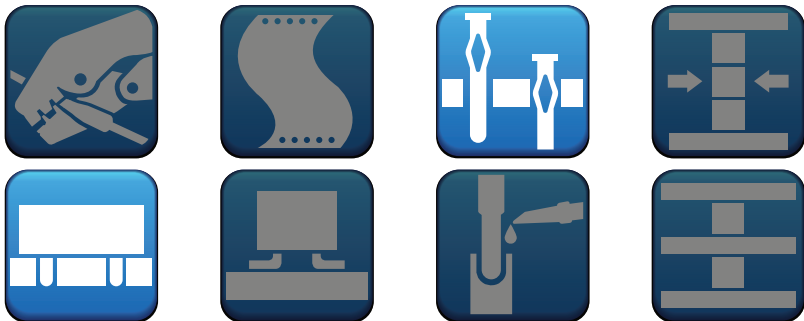
Notes:

‡ Not RoHS-compliant
** This hardware option is packaged unassembled (uninstalled)

Mates with

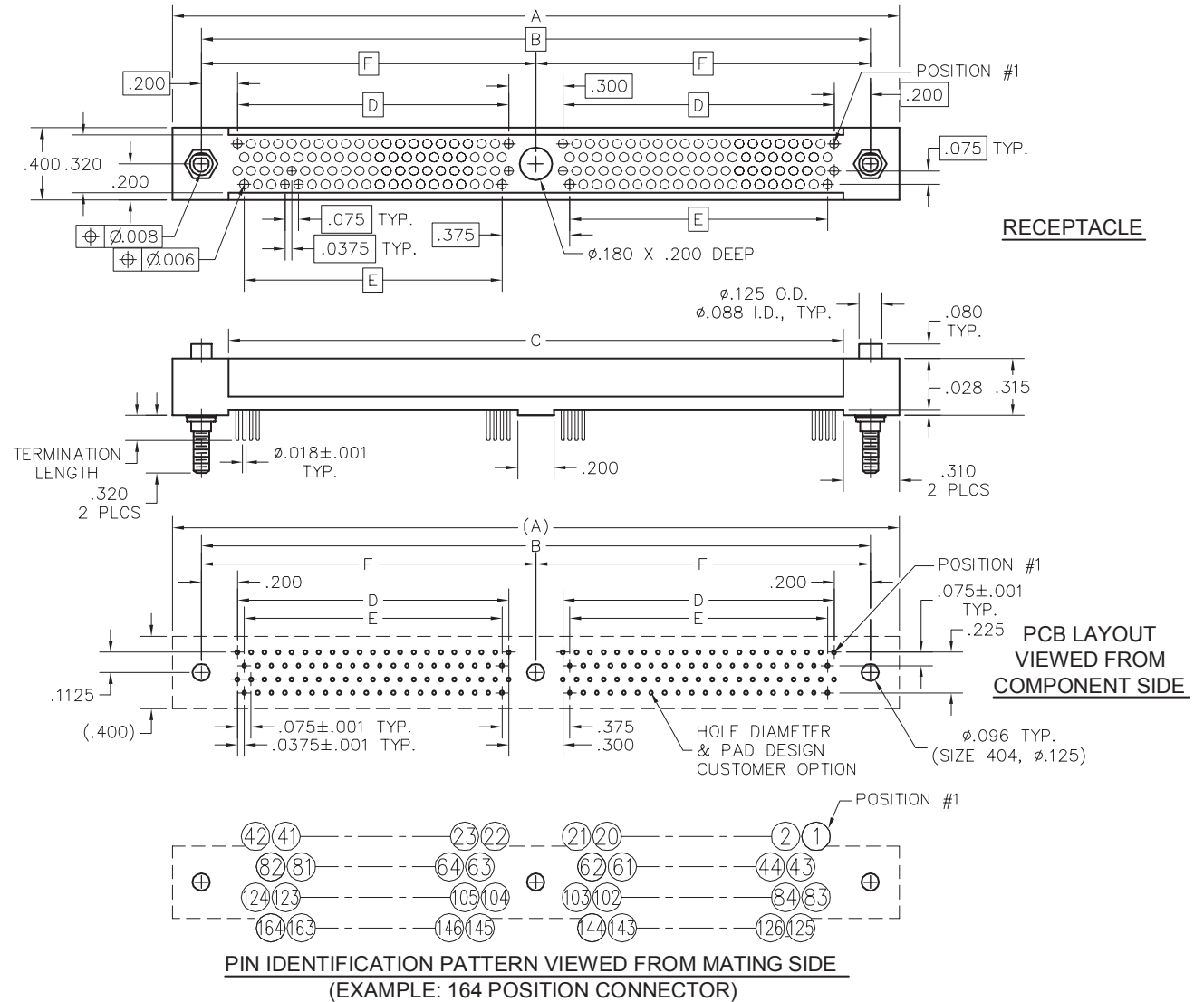
RM412 — Four-row, straight plug
RM452 — Four-row, right-angle plug
RM412 — Four-row, I/O plug

Terminations



RM – Four-Row, Straight, Board-Mount Receptacle

Plastic ▪ 4-Row ▪ 86-404 Contacts



DIMENSIONS						
SIZE	A	B	C	D	E	F
86*	2.255	1.975	1.655	1.575	1.500	–
110*	2.745	2.425	2.105	2.025	1.950	–
164	4.020	3.700	3.380	1.500	1.425	1.850
196	4.620	4.300	3.980	1.800	1.725	2.150
204	4.770	4.450	4.130	1.875	1.800	2.225
220	5.070	4.750	4.430	2.025	1.950	2.375
250*	5.370	5.050	4.730	4.650	4.575	–
276	6.120	5.800	5.480	2.550	2.475	2.900
300	6.570	6.250	5.930	2.775	2.700	3.125
404	8.520	8.200	7.880	3.750	3.675	4.100

NOTES:

* = Single section, no center mounting hole

PLEASE CONSULT THE AIRBORN WEBSITE FOR THE LATEST REVISION OF THIS DOCUMENT PRIOR TO BEGINNING ANY DESIGN WORK.