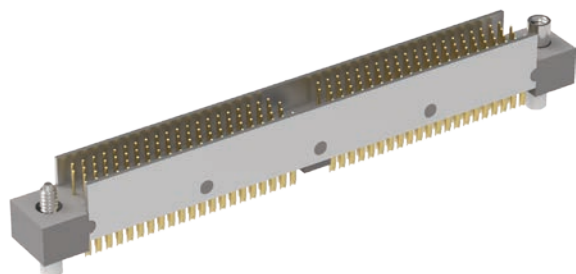


R Series

High-Density
0.075"
(1.905mm)



4
Row

RM – Four-Row, I/O Plug

Contact Spacing: 0.075" (1.91 mm)

R-Series rugged & reliable I/O connectors are available with crimp-removable, solder-cup or single-layer flex termination options.

Sample Part Number Format: RM412-164-171-9501

SERIES	ROWS	STYLE	BODY MATERIAL	SIZE	PLATING	POLARIZATION
RM	4	1	2	-	-	1
0.075" Plastic Rectangular Connector (Plug)	4 – 4-Row (86-404 contacts)	1 – Plug, straight with 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	00 – None XX – See page 141 for codes
				TERMINATION 17 – Solder cup 40 – Flex circuit, 0.093" x 0.017" Ø*	HARDWARE 0256 – None 84 – Fixed jackset, reversed, #2-56 x 0.320" 90 – Guide pins, full round, #2-56 x 0.320" 92 – Hex turning jackset, 0.200" 93 – Fixed jackset, #2-56 x 0.247" 94 – Fixed jackset, #2-56 x 0.320" 95 – Guide pins, polarized, #2-56 x 0.320" ** 9501-9536 – Guide pins, polarized, #2-56 x 0.320" 99 – Guide pins, universal, #2-56 x 0.320"	

Notes:

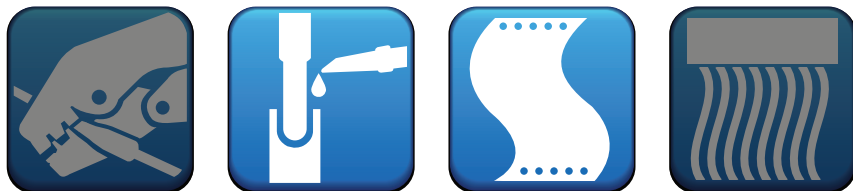
- ‡ Not RoHS-compliant
- ** This hardware option is packaged unassembled (uninstalled)

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

Mates with

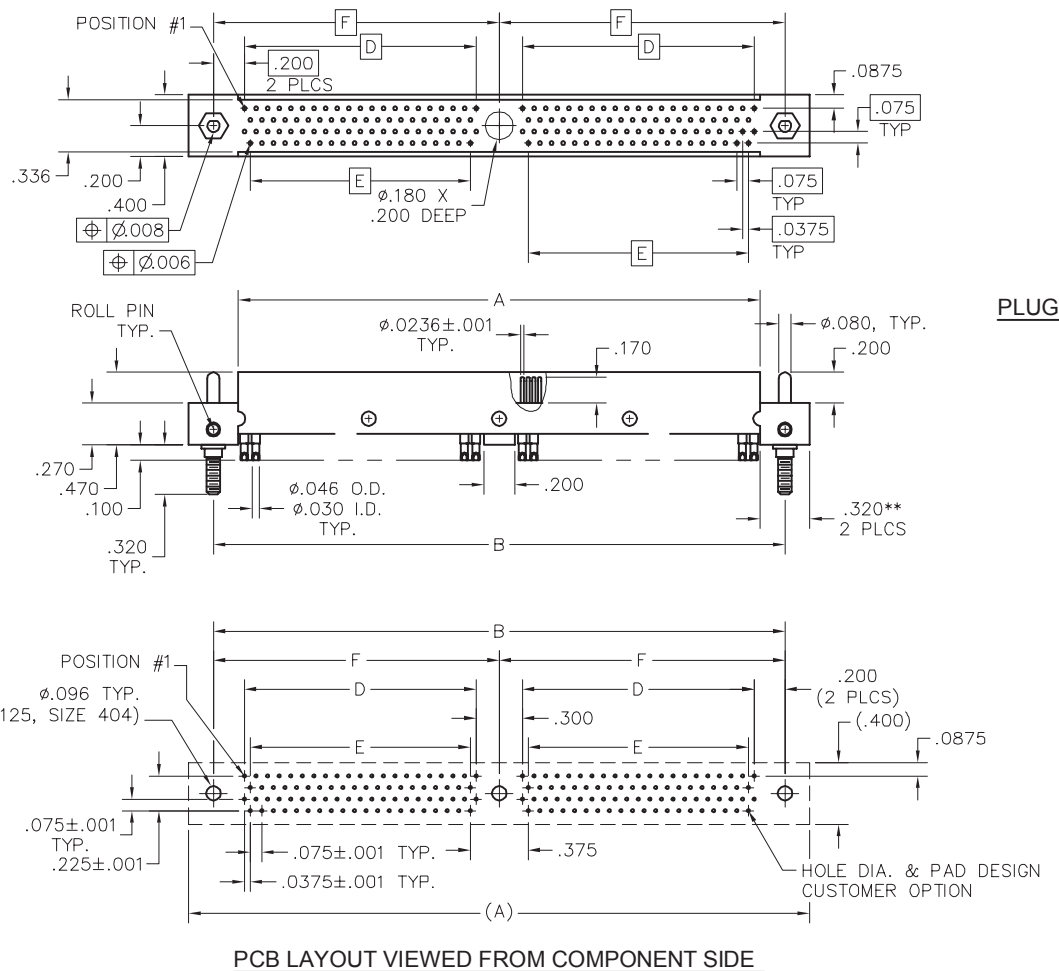
- RM422 — Four-row, straight receptacle
- RM462 — Four-row, right-angle receptacle
- RM422 — Four-row, I/O receptacle

Terminations



RM – Four-Row, I/O Plug

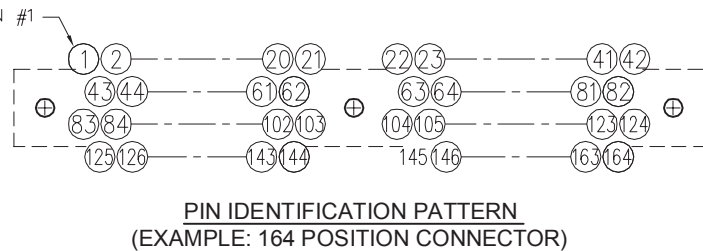
Plastic ▪ 4-Row ▪ 86-404 Contacts



NOTES:

- * = Single section, no center mounting hole
- ** = 0.280" for 86 position

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



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