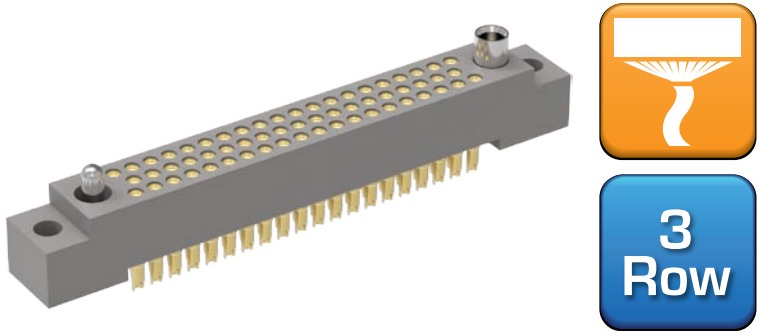


R Series

High-Density
0.075"
(1.905mm)



RM – Three-Row, I/O Receptacle

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: RM322-152-241-5500

RM 3 2 - 1 -

SERIES
0.075" Plastic Rectangular Connector (Receptacle)

ROWS
3 – 3-Row (11-206 contacts)

STYLE
2 – Receptacle, straight with mounting ears
4 – Receptacle, straight without mounting ears

BODY MATERIAL
2 – Polyphenylene sulfide (PPS)

SIZE
011 – 11 contacts
023 – 23 contacts
035 – 35 contacts
047 – 47 contacts
059 – 59 contacts
071 – 71 contacts
080 – 80 contacts
092 – 92 contacts
104 – 104 contacts
122 – 122 contacts
140 – 140 contacts
152 – 152 contacts
182 – 182 contacts
206 – 206 contacts

PLATING
1 – Gold

TERMINATION
24 – Solder cup
25 – Flex circuit, 0.093" x 0.017" Ø*

HARDWARE
0256 – None
55 – Guide set
57 – Two guide pins
58 – Two guide sockets
29 – Fixed jackset
30 – Fixed jackset, reversed
19 – Two fixed jackscrews
20 – Two fixed jackscrews
59 – Hex turning jackset, 0.200"
60 – Hex turning jackset reversed, 0.200"
61 – Two hex turning jackscrews, 0.200"
62 – Two hex turning jackscrews, 0.200"
64 – Turning jackset, 0.490"

POLARIZATION
00 – None
XX – See page 140 for codes
70 – Same as above, but without LocTite® (customer-keyed)

Notes:

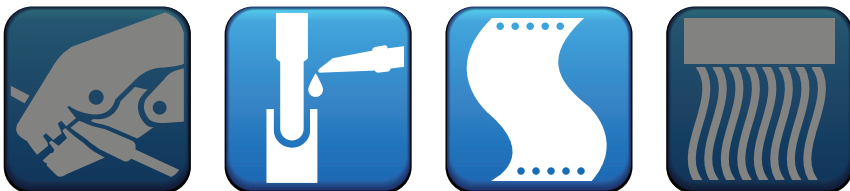
- ‡ Not RoHS-compliant
- * Plated thru-hole is not available with flex circuit termination.

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

Mates with

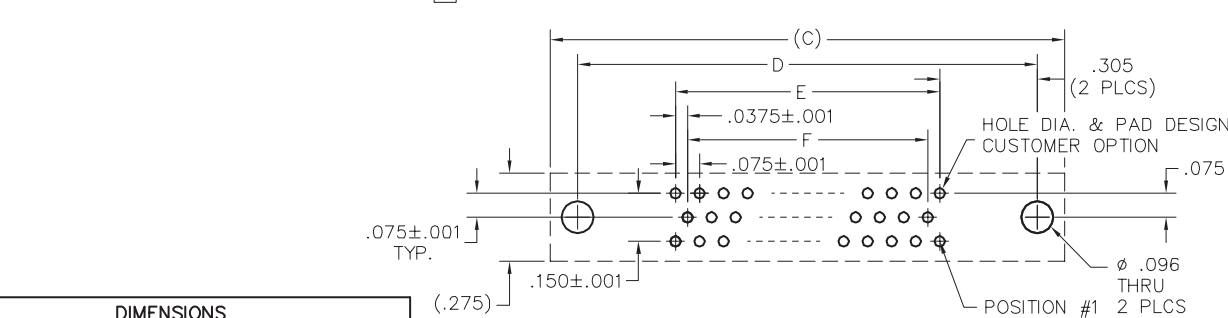
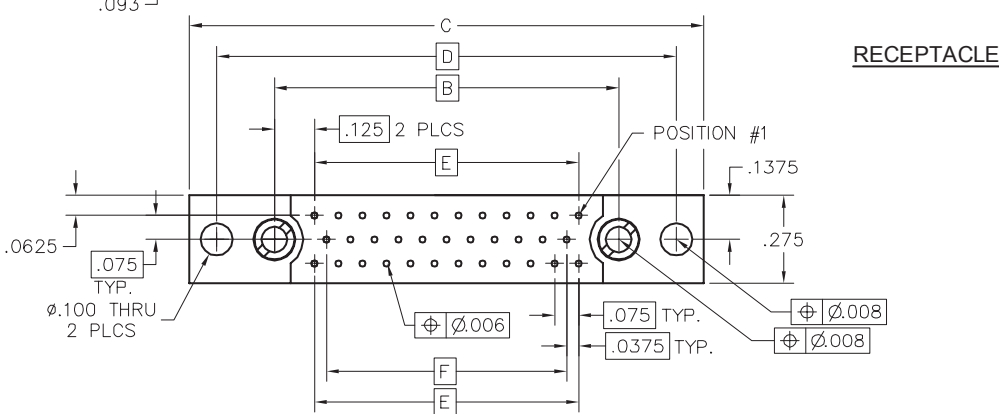
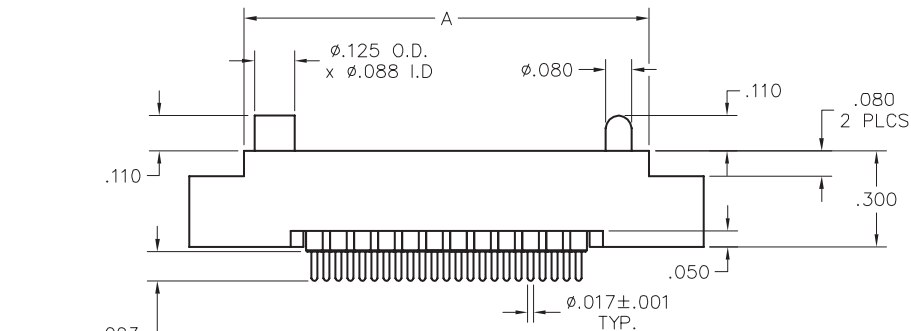
- RM312 & RM332 — Three-row, straight plug
- RM352 & RM372 — Three-row, right-angle plug
- RA3 — Three-row, I/O plug
- RM312 & RM332 — Three-row, I/O plug

Terminations



RM – Three-Row, I/O Receptacle

Plastic ▪ 3-Row ▪ 11-206 Contacts



DIMENSIONS						
SIZE	A	B	C	D	E	F
11	.665	.475	1.005	.835	.225	.150
23	.965	.775	1.305	1.135	.525	.450
35	1.265	1.075	1.605	1.435	.825	.750
47	1.565	1.375	1.905	1.735	1.125	1.050
59	1.865	1.675	2.205	2.035	1.425	1.350
71	2.165	1.975	2.505	2.335	1.725	1.650
80	2.390	2.200	2.730	2.560	1.950	1.875
92	2.690	2.500	3.030	2.860	2.250	2.175
104	2.990	2.800	3.330	3.160	2.550	2.475
122	3.440	3.250	3.780	3.610	3.000	2.925
140	3.890	3.700	4.230	4.060	3.450	3.375
152	4.190	4.000	4.530	4.360	3.750	3.675
182	4.940	4.750	5.280	5.110	4.500	4.425
206	5.540	5.350	5.880	5.710	5.100	5.025

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