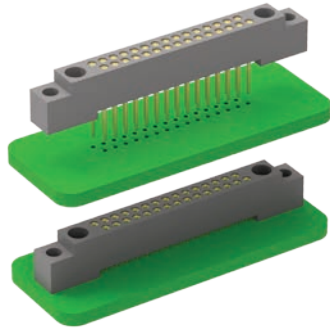


R Series

High-Density
0.075"
(1.905mm)



RM – Two-Row, Straight, Stackable, 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: RM222-030-531-0256

SERIES	ROWS	STYLE	BODY MATERIAL	SIZE	PLATING	HARDWARE
RM	2		2			0256
0.075" Plastic Rectangular Connector (Receptacle)	2 – 2-Row (10-100 contacts)	2 – Receptacle, straight with mounting ears 4 – Receptacle, straight without mounting ears	2 – Polyphenylene sulfide (PPS)	010 – 10 contacts 020 – 20 contacts 030 – 30 contacts 040 – 40 contacts 050 – 50 contacts 060 – 60 contacts 070 – 70 contacts 080 – 80 contacts 090 – 90 contacts 100 – 100 contacts	1 – Gold 2 – Pre-tinned, SnPb alloy (Plated thru-hole options, only)† 3 – Pre-tinned, SAC305 alloy (Plated thru-hole options, only)	0256 – None

TERMINATION
53 – Stackable, 0.212" x 0.025" Ø
54 – Stackable, 0.244" x 0.025" Ø
55 – Stackable, 0.275" x 0.025" Ø

Notes:

† Not RoHS-compliant

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

Mates with

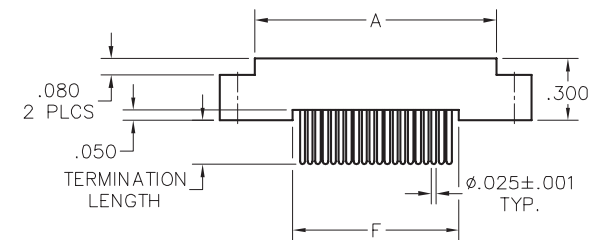
RM212 & RM232 — Two-row, straight plug
RM252 & RM272 — Two-row, right-angle plug
RM2 — Two-row, I/O receptacle
RA2 — Two-row, I/O receptacle

Terminations

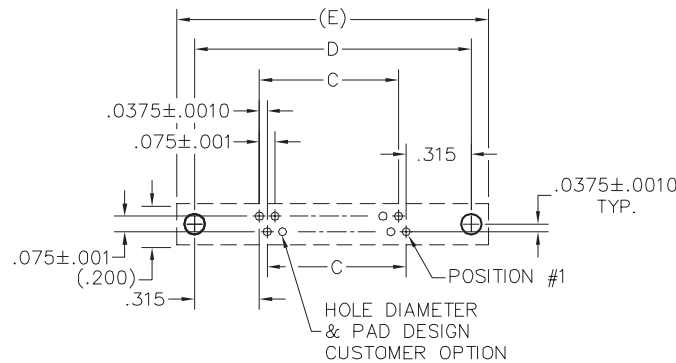
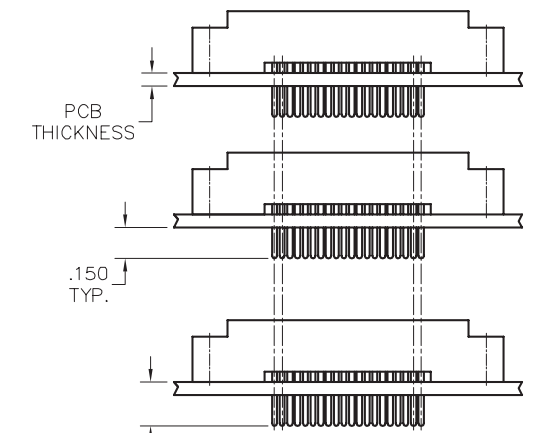
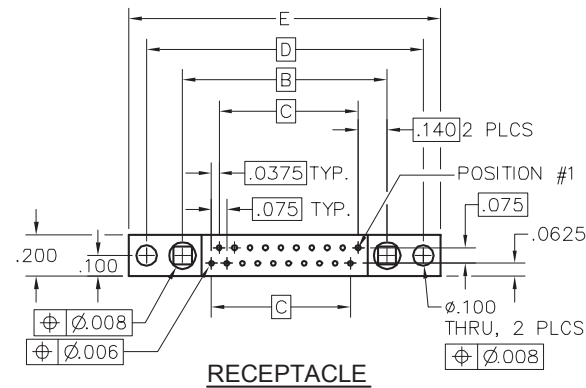


RM – Two-Row, Straight, Stackable, Board-Mount Receptacle

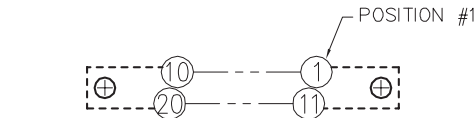
Plastic ▪ 2-Row ▪ 10-100 Contacts



DIMENSIONS						
SIZE	A	B	C	D	E	F
10	.797	.617	.300	.967	1.137	.420
20	1.172	.992	.675	1.342	1.512	.795
30	1.547	1.367	1.050	1.717	1.887	1.170
40	1.922	1.742	1.425	2.092	2.262	1.545
50	2.297	2.117	1.800	2.467	2.637	1.920
60	2.672	2.492	2.175	2.842	3.012	2.295
70	3.047	2.867	2.550	3.217	3.387	2.670
80	3.422	3.242	2.925	3.592	3.762	3.045
90	3.797	3.617	3.300	3.967	4.137	3.420
100	4.172	3.992	3.675	4.342	4.512	3.795



PCB LAYOUT VIEWED FROM COMPONENT SIDE



PIN IDENTIFICATION PATTERN VIEWED FROM TERMINATION SIDE (EXAMPLE: 20 POSITION CONNECTOR)

NOTES:
Stacking connectors cannot have mating hardware. (-0256 indicates no hardware)

PC BOARD THICKNESS	TERMINATION LENGTH	PART NUMBER EXAMPLES
.062	.212	RM222-020-531-0256
.094	.244	RM222-020-541-0256
.125	.275	RM222-020-551-0256
CONNECTOR SAVER	.150	RM222-020-291-0256

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