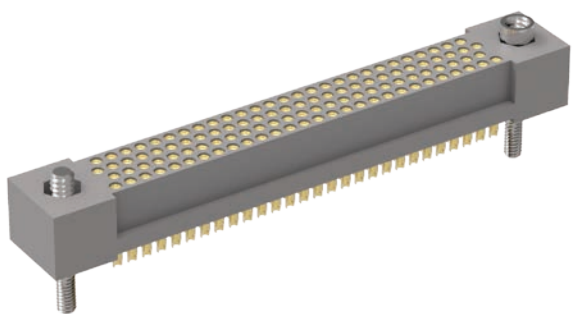


R Series

High-Density
0.075"
(1.905mm)



4
Row

RM – Four-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: RM422-164-761-9601

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	00 – None XX – See page 141 for codes
				TERMINATION 76 – Solder cup 77 – Flex circuit, 0.093" x 0.017" Ø*	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:

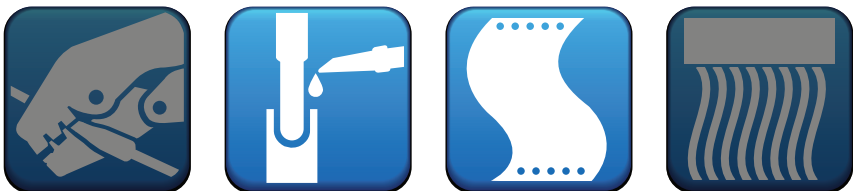
- ‡ Not RoHS-compliant
- ** This hardware option is packaged unassembled (uninstalled)

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Mates with

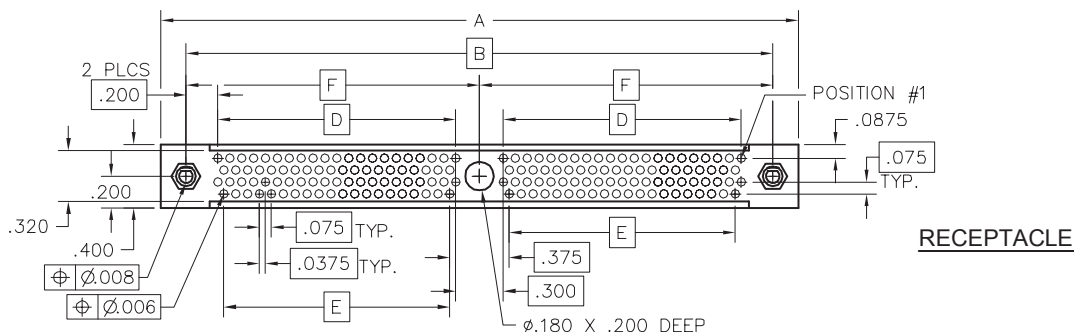
- RM412 — Four-row, straight plug
- RM452 — Four-row, right-angle plug
- RM412 — Four-row, I/O plug

Terminations

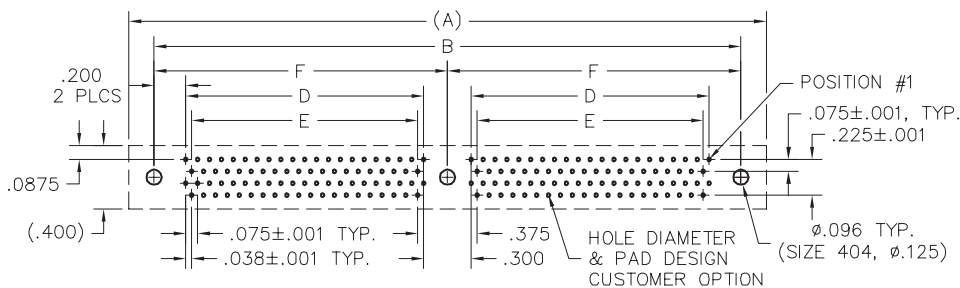
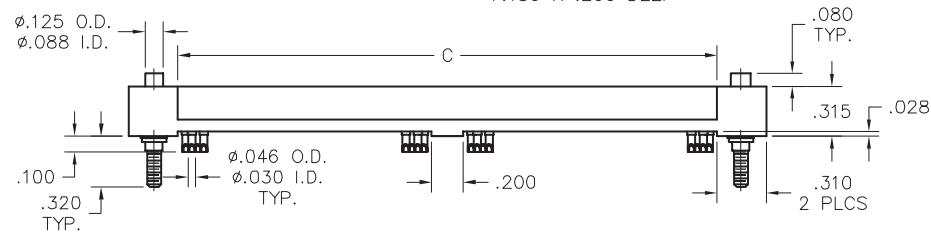


RM – Four-Row, I/O Receptacle

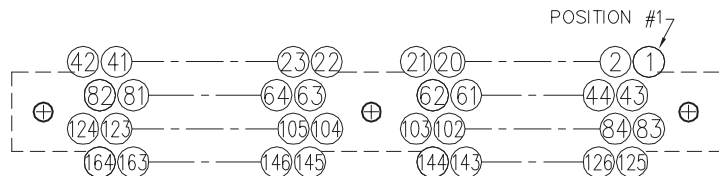
Plastic ▪ 4-Row ▪ 86-404 Contacts



RECEPTACLE



PCB LAYOUT VIEW
FROM
COMPONENT SIDE



PCB PIN IDENTIFICATION
PATTERN
(EXAMPLE: 164 POSITION
CONNECTOR)

NOTES:

* = Single section, no center mounting hole

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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Mouser Electronics

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[RM422-110-581-9200](#) [RM422-164-761-9200](#) [RM422-300-761-9200](#) [RM422-086-581-9200](#)