

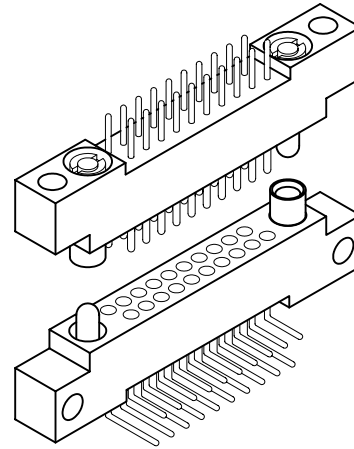
2 • ROW Motherboard or Chassis to Daughterboard

.075"

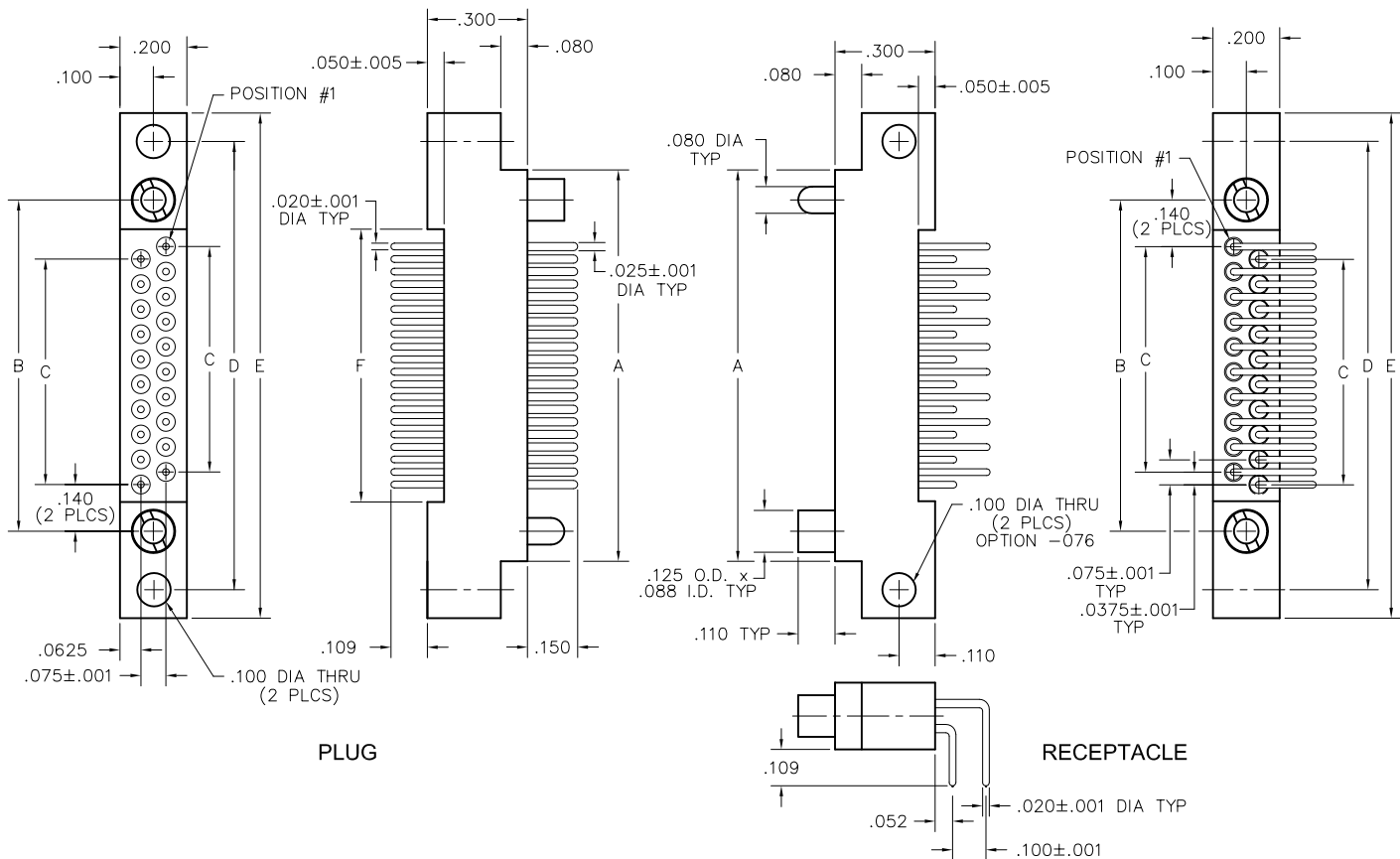
RM2

10 thru 100 Contacts

RM212-020-102-5500



RM262-020-442-5500-076



DIMENSIONS						
SIZE	A	B	C	D	E	F
10	.797	.617	.300	.967	1.137	.442
20	1.172	.992	.675	1.342	1.512	.817
30	1.547	1.367	1.050	1.717	1.887	1.192
40	1.922	1.742	1.425	2.092	2.262	1.567
50	2.297	2.117	1.800	2.467	2.637	1.942
60	2.672	2.492	2.175	2.842	3.012	2.317
70	3.047	2.867	2.550	3.217	3.387	2.692
80	3.422	3.242	2.925	3.592	3.762	3.067
90	3.797	3.617	3.300	3.967	4.137	3.442
100	4.172	3.992	3.675	4.342	4.512	3.817

PLUG: RM212-020-102-5500
RECEPTACLE: RM262-020-442-5500-076
 XXXXX-XXX-XXX-XXXX-XXX

PLUG
RECEPTACLE

SERIES

RM .075" Screw Machine PC Connector	RM .075" Screw Machine PC Connector
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BODY

2 2-Row BODY STYLE: 1 Plug, straight, with mounting ears 3 Plug, straight, without mounting ears BODY MATERIAL: 2 Polyphenylene sulfide (PPS)	2 2-Row BODY STYLE: 6 Receptacle, right angle, with mounting ears 8 Receptacle, right angle, without mounting ears BODY MATERIAL: 2 Polyphenylene sulfide (PPS)
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SIZE

010, 020, 030, 040, 050, 060, 070, 080, 090, 100	010, 020, 030, 040, 050, 060, 070, 080, 090, 100
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CONTACTS

TYPE CONTACTS/TERMINATIONS: 10 Pin, straight, dip solder, .109" x .020" dia 11 Pin, straight, solder cup 12 Pin, straight, dip solder, .140" x .020" dia 13 Pin, straight, dip solder, .172" x .020" dia 14 Pin, straight, dip solder, .250" x .020" dia 15 Pin, straight, flex, .093" x .017" dia PLATING OPTIONS: 1 Gold plated termination 2 Pre-tinned termination, SnPb alloy (dip solder options only) ☒ 3 Pre-tinned termination, SAC305 alloy (dip solder options only)	TYPE CONTACTS/TERMINATIONS: 44 Socket, right angle, dip solder, .109" x .020" dia 45 Socket, right angle, dip solder, .140" x .020" dia 46 Socket, right angle, dip solder, .172" x .020" dia 47 Socket, right angle, dip solder, .250" x .020" dia PLATING OPTIONS: 1 Gold plated termination 2 Pre-tinned termination, SnPb alloy ☒ 3 Pre-tinned termination, SAC305 alloy
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HARDWARE

STYLE OF HARDWARE: (See R-41 & R-42 for all options) 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, .200" 60 Hex turning jackset, reversed, .200" 61 Two hex turning jackscrews, .200" 62 Two hex turning jackscrews, .200" 64 Turning jackset, .490" 65 Turning jackset, reversed, .490" 66 Two turning jackscrews, .490" 67 Two turning jackscrews, .490" POLARIZATION: 00 None 01 thru 68 are special identifiers, see R-38 70 Same configuration as 01 without Loctite® (To be keyed by customer)	STYLE OF HARDWARE: (See R-41 & R-42 for all options) 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, .200" 60 Hex turning jackset, reversed, .200" 61 Two hex turning jackscrews, .200" 62 Two hex turning jackscrews, .200" 64 Turning jackset, .490" 65 Turning jackset, reversed, .490" 66 Two turning jackscrews, .490" 67 Two turning jackscrews, .490" POLARIZATION: 00 None 01 thru 68 are special identifiers, see R-38 70 Same configuration as 01 without Loctite® (To be keyed by customer)
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OPTIONS

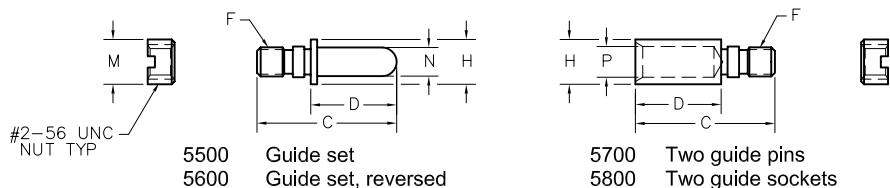
076 PWB mounting holes, .100" dia (cross drilled)

☒ = Option not RoHS compliant

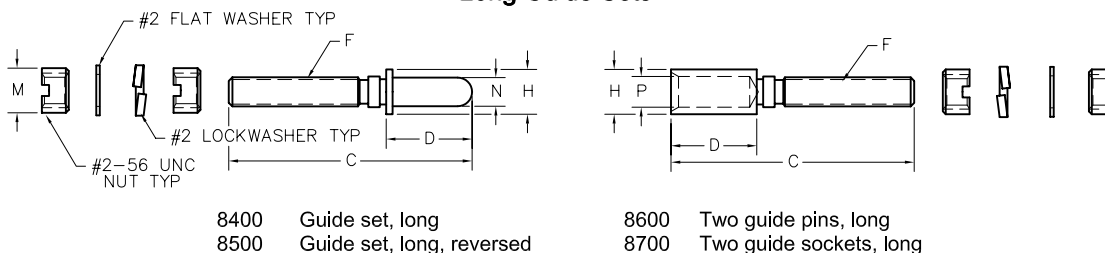
Ask About AirBorn's Accelerated Delivery Service

Guide Sets

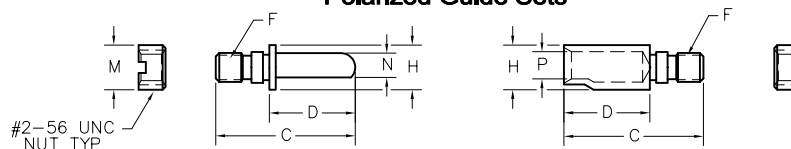
Guide Sets



Long Guide Sets



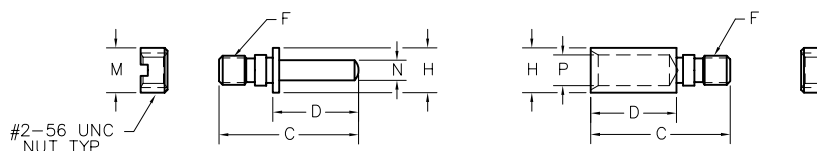
Polarized Guide Sets



5501 thru 5564, & 5570

Note: For polarization options, see page R-38.

Universal Test Guide Sets



5565 thru 5568

Note: For polarization options, see page R-38.

DIMENSIONS											
HARDWARE TYPE	A	C	D	E	F	H	K	L	M	N	P
1900/2000/2900/3000	—	.390	.240	—	#2-56 UNC TH'D	.125 DIA	—	—	.125 DIA	—	—
5100 THRU 5400	.700	.750		.031 x .031 SLOT			.125 DIA	.156 DIA	—	—	—
5500 THRU 5800	—	.390		—			—	—	.125 DIA	.080 DIA	.088 DIA
5501 THRU 5564	—			—			—	—	.068	.076	
5565 THRU 5568	—			—			—	—	.056 SQ	.088 DIA	
5900 THRU 6200	.200	.500		5/64 INT HEX			—	.140 DIA	—	—	—
6400 THRU 6700	.490	.750		.031 x .031 SLOT			.125 DIA	.156 DIA	—	—	—
6800 THRU 7100	.545			—					—	—	
7200 THRU 7500	.490			5/64 INTERNAL HEX					—	—	—
7600 THRU 7900	.545			—					—	—	
8000 THRU 8300	.700			—					—	—	
8400 THRU 8700	—	.680		—			—	—	.125 DIA	.080 DIA	.088 DIA
8800 THRU 9100	—			—			—	—	—	—	

Hardware Only

HARDWARE TYPE	PART NUMBER
5500 or 5600	RM000-000-000-5500 (or -5600)
5501 - 5532	RM000-000-000-5501 (thru -5532)
5533 - 5548	RM000-000-000-5533 (thru -5548)
5549 - 5564	RM000-000-000-5549 (thru -5564)
5565 or 5566	RM000-000-000-5565 (or -5566)
5568	RM000-000-000-5568
5567	RM000-000-000-5567

HARDWARE TYPE	PART NUMBER
5570	RM000-000-000-5570
5700	RM000-000-000-5700
5800	RM000-000-000-5800
8400 or 8500	RM000-000-000-8400 (or -8500)
8600	RM000-000-000-8600
8700	RM000-000-000-8700

To order connector without hardware, place "-0256" in hardware designation area of catalog number

Example: RM322-152-221-0256

Mouser Electronics

Authorized Distributor

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AirBorn:

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[RM232-030-101-5500](#) [RM232-030-111-7600](#) [RM232-030-151-5900](#) [RM232-040-101-2900](#) [RM232-040-101-5900](#)
[RM232-040-102-2900](#) [RM232-040-111-5500](#) [RM232-040-111-5900](#) [RM232-040-121-2900](#) [RM232-040-151-5900](#)
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[RM232-060-111-7600](#) [RM232-070-111-5500](#) [RM232-080-111-5500](#) [RM2620204412900076](#) [RM2620804612900076](#)
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[076](#) [RM262-070-451-5500-076](#) [RM2620304512900076](#) [RM212-040-111-5700](#)