

PLUG: RM252-020- 311- 2900
RECEPTACLE: RM242-020- 581- 5900
 XXXXX-XXX-XXX-XXXXXX

PLUG

RECEPTACLE

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

BODY	
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2 2-Row	2 2-Row
BODY STYLE:	BODY STYLE:
5 Plug, right angle, with mounting ears	2 Receptacle, straight, with mounting ears
7 Plug, right angle, without mounting ears	4 Receptacle, straight, without mounting ears
BODY MATERIAL:	BODY MATERIAL:
2 Polyphenylene sulfide (PPS)	2 Polyphenylene sulfide (PPS)

SIZE	
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010, 020, 030, 040, 050, 060, 070, 080, 090, 100 | 010, 020, 030, 040, 050, 060, 070, 080, 090, 100

CONTACTS	
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TYPE CONTACTS/TERMINATIONS:	TYPE CONTACTS/TERMINATIONS:
31 Pin, right angle, dip solder, .109" x .020" dia	00 Contacts not supplied
32 Pin, right angle, dip solder, .140" x .020" dia	57 Socket, straight, crimp removable (20-22 AWG)*
33 Pin, right angle, dip solder, .172" x .020" dia	58 Socket, straight, crimp removable (24-26 AWG)*
34 Pin, right angle, dip solder, .109" x .016" dia	59 Socket, straight, crimp removable (28-30 AWG)*
35 Pin, right angle, dip solder, .140" x .016" dia	
36 Pin, right angle, dip solder, .172" x .016" dia	
37 Pin, right angle, dip solder, .250" x .020" dia	

PLATING OPTIONS:	PLATING OPTIONS:
1 Gold plated termination	0 No plating (use with Contact Option "00" only)
2 Pre-tinned termination, SnPb alloy ☒	1 Gold plated termination
3 Pre-tinned termination, SAC305 alloy	

HARDWARE	
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STYLE OF HARDWARE: (See R-41 & R-42 for all options)	STYLE OF HARDWARE: (See R-41 & R-42 for all options)
0256 None	0256 None
55 Guide set	55 Guide set
57 Two guide pins	57 Two guide pins
58 Two guide sockets	58 Two guide sockets
29 Fixed jackset	29 Fixed jackset
30 Fixed jackset, reversed	30 Fixed jackset, reversed
19 Two fixed jackscrews	19 Two fixed jackscrews
20 Two fixed jackscrews	20 Two fixed jackscrews
59 Hex turning jackset, .200" knob	59 Hex turning jackset, .200" knob
60 Hex turning jackset, reversed, .200" knob	60 Hex turning jackset, reversed, .200" knob
61 Two hex turning jackscrews, .200" knob	61 Two hex turning jackscrews, .200" knob
62 Two hex turning jackscrews, .200" knob	62 Two hex turning jackscrews, .200" knob
64 Turning jackset, .490" knob	64 Turning jackset, .490" knob
65 Turning jackset, reversed, .490" knob	65 Turning jackset, reversed, .490" knob
66 Two turning jackscrews, .490" knob	66 Two turning jackscrews, .490" knob
67 Two turning jackscrews, .490" knob	67 Two turning jackscrews, .490" knob

POLARIZATION:	POLARIZATION
00 None	00 None
01 thru 68 are special identifiers, see R-38	01 thru 68 are special identifiers, see R-38
70 Same configuration as 01 without Loctite® (To be keyed by customer)	70 Same configuration as 01 without Loctite® (To be keyed by customer)

OPTIONS	
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BN Bond #1-72, sm. pattern hex nuts into mtg. ears |

* Full compliment of crimp removable sockets packaged with connectors

1. Crimp tool - AirBorn part number: CDG4601, Mil Spec number M22520/2-01
2. Crimp positioner - AirBorn part number: CDG4602 (24-26 AWG and 28-30 AWG); CDG4603 (20-22 AWG)
3. Crimp removal tool - AirBorn part number: CDG8161 (All AWGs)
4. Crimp contact part number on previous page.

☒ = Option not RoHS compliant

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

AirBorn:

[RM242-030-571-5900](#) [RM242-010-581-5900](#) [RM242-020-241-6400](#) [RM242-010-551-0256](#) [RM242-020-531-0256](#)
[RM242-030-241-5900](#) [RM242-030-581-5900](#) [RM242-020-571-5900](#) [RM242-010-241-5900](#) [RM242-020-201-2900](#)
[RM242-050-211-5500](#) [RM242-020-201-0256](#) [RM242-040-201-0256](#) [RM452-086-312-9200-H52*HS](#) [RM632-300-192-9500-918](#) [RM632-300-192-9900-985](#) [RM642-300-832-9800](#) [RM422-164-822-9300*HS](#) [RM422-086-000-9300-H72*HS](#)
[RM422-086-822-9300*HS](#) [RM642-204-832-9700](#) [RM642-162-832-9700](#) [RM632-204-531-9501](#) [RM422-110-000-9300-H72*HS](#) [RM642-300-832-9700](#) [RM672-162-322-9300](#) [RM422-164-832-9616-F55](#) [RM422-276-752-9600-A47](#)
[RM642-300-832-9600](#) [RM422-196-832-9100-F56](#) [RM632-252-192-9500-985](#) [RM632-162-192-9500-918](#) [RM682-204-861-9601](#) [RM642-204-822-9600](#) [RM672-402-312-9501](#) [RM422-164-832-9602-F55](#) [RM2420102416400](#) [RM242-040-202-6200](#) [RM242-010-591-1900](#) [RM242-020-251-5900](#) [RM242-030-202-2900](#) [RM242-020-241-5900](#) [RM242-020-581-5900](#) [RM242-020-591-2900](#) [RM242-040-581-5900](#) [RM242-050-241-5900](#) [RM242-030-221-2900](#) [RM352-011-322-2900](#) [RM242-010-212-8400](#) [RM242-010-591-5900](#) [RM242-020-211-2900](#) [RM242-020-211-8400](#) [RM242-020-212-5500](#) [RM242-020-212-8400](#) [RM242-020-221-2900](#) [RM242-030-211-5500](#) [RM242-040-202-0256](#) [RM242-040-221-8800](#) [RM242-040-571-5900](#) [RM242-050-531-0256](#) [RM242-050-581-5900](#) [RM242-060-221-2900](#) [RM242-060-581-5900](#) [RM242-080-212-5700](#) [RM242-080-581-5900](#) [RM242-040-211-8800](#) [RM242-090-571-6400](#) [RM242-060-541-0256](#) [RM242-040-571-6400](#) [RM242-040-581-6000](#) [RM242-050-000-5900](#) [RM242-050-201-8400](#) [RM242-050-201-8800](#) [RM242-050-212-5500](#) [RM242-050-241-6400](#) [RM242-050-501-2900](#) [RM242-050-551-0256-H94](#) [RM242-060-201-5500](#) [RM242-060-211-5500](#) [RM242-060-241-2900](#) [RM242-060-241-5900](#) [RM242-070-211-2900](#) [RM242-040-241-5900](#) [RM672-204-322-9502](#) [RM352-092-321-5501BN](#) [RM642-204-822-9701](#) [RM642-204-822-9702](#) [RM242-020-212-5900](#) [RM242-020-212-7200](#) [RM242-020-222-0256](#) [RM242-020-222-8400](#) [RM242-020-241-2900](#) [RM242-020-241-5100](#) [RM242-020-571-6400](#) [RM242-030-000-5900](#) [RM242-030-201-5500](#) [RM242-030-202-5800](#) [RM242-030-202-8400](#) [RM242-030-211-0256](#) [RM242-030-211-8400](#)