

**PLUG:** RM252-100-312-5500  
**RECEPTACLE:** RM222-100-212-5500  
 XXXXX-XXX-XXX-XXXXXX

# PLUG

# RECEPTACLE

## SERIES

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

## BODY

2 2-Row | 2 2-Row

**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:**  
 2 Polyphenylene sulfide (PPS) | 2 Polyphenylene sulfide (PPS)

## SIZE

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

## CONTACTS

**TYPE CONTACTS/TERMINATIONS:**  
 31 Pin, right angle, dip solder, .109" x .020" dia  
 32 Pin, right angle, dip solder, .140" x .020" dia  
 33 Pin, right angle, dip solder, .172" x .020" dia  
 34 Pin, right angle, dip solder, .109" x .016" dia  
 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  
 20 Socket, straight, dip solder, .109" x .020 dia  
 21 Socket, straight, dip solder, .140" x .020 dia  
 22 Socket, straight, dip solder, .172" x .020 dia  
 23 Socket, straight, dip solder, .250" x .020 dia  
 24 Socket, straight, solder cup  
 25 Socket, straight, flex circuit, .093" x .017 dia  
 26 Socket, straight, wire wrap®, .500" x .018 square  
 27 Socket, straight, wire wrap®, .375" x .018 square  
 28 Socket, straight, wire wrap®, .625" x .018 square  
 29 Socket, connector saver, .150" x .025" dia  
 50 Socket, straight, dip solder, .140" x .016" dia  
 51 Socket, straight, dip solder, .172" x .016" dia  
 53 Socket, straight, stackable, .212" x .025" dia  
 54 Socket, straight, stackable, .244" x .025" dia  
 55 Socket, straight, stackable, .275" x .025" dia  
 64 Socket, straight, press fit, .203" (Board .093"- .125" thk)  
 65 Socket, straight, press fit, .323" (Board .156"- .200" thk)  
 66 Socket, straight, press fit, .403" (Board .250"+ thk)

**PLATING OPTIONS:**  
 1 Gold plated termination  
 2 Pre-tinned termination, SnPb alloy ☒  
 3 Pre-tinned termination, SAC305 alloy  
 1 Gold plated termination  
 2 Pre-tinned termination, SnPb alloy (dip solder options only) ☒  
 3 Pre-tinned termination, SAC305 alloy (dip solder options only)

## 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 jacksockets  
 59 Hex turning jackset, .200"  
 60 Hex turning jackset, reversed, .200"  
 61 Two hex turning jackscrews, .200"  
 62 Two hex turning jacksockets, .200"  
 64 Turning jackset, .490"  
 65 Turning jackset, reversed, .490"  
 66 Two turning jackscrews, .490"  
 67 Two turning jacksockets, .490"  
 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 jacksockets  
 59 Hex turning jackset, .200"  
 60 Hex turning jackset, reversed, .200"  
 61 Two hex turning jackscrews, .200"  
 62 Two hex turning jacksockets, .200"  
 64 Turning jackset, .490"  
 65 Turning jackset, reversed, .490"  
 66 Two turning jackscrews, .490"  
 67 Two turning jacksockets, .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)  
 00 None  
 01 thru 68 are special identifiers, see R-38  
 70 Same configuration as 01 without Loctite®  
 (To be keyed by customer)

## OPTIONS

BN Bond #1-72 small pattern hex nuts into mounting ears

☒ = Option not RoHS compliant

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