

**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**

|                    |  |                    |   |
|--------------------|--|--------------------|---|
| 2                  | 2-Row                                    | 2                  | 2-Row                                       |
| <b>BODY STYLE:</b> |  | <b>BODY STYLE:</b> |   |
| 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**

|                                    |   |                                    |  |
|------------------------------------|---|------------------------------------|--|
| <b>TYPE CONTACTS/TERMINATIONS:</b> |   | <b>TYPE CONTACTS/TERMINATIONS:</b> |  |
| 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 |                                    |  |

|                         |  |                         |  |
|-------------------------|--|-------------------------|--|
| <b>PLATING OPTIONS:</b> |  | <b>PLATING OPTIONS:</b> |  |
| 1                       | Gold plated termination  | 0                       | No plating (use with Contact Option "00" only) |
| 2                       | Pre-tinned termination, SnPb alloy <input checked="" type="checkbox"/> | 1                       | Gold plated termination                        |
| 3                       | Pre-tinned termination, SAC305 alloy                                   |                         |  |

**HARDWARE**

|  |   |  |   |
|--|---|--|---|
| <b>STYLE OF HARDWARE:</b><br>(See R-41 & R-42 for all options) |   | <b>STYLE OF HARDWARE:</b><br>(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 jacksockets                     | 20   | Two fixed jacksockets                     |
| 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 jacksockets, .200" knob   | 62   | Two hex turning jacksockets, .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 jacksockets, .490" knob       | 67   | Two turning jacksockets, .490" knob       |

|                      |  |                     |  |
|----------------------|--|---------------------|--|
| <b>POLARIZATION:</b> |  | <b>POLARIZATION</b> |  |
| 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®<br>(To be keyed by customer) | 70                  | Same configuration as 01 without Loctite®<br>(To be keyed by customer) |

**OPTIONS**

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

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