



**PLUG:** MS-253-037-325-220S  
**RECEPTACLE:** MS-263-037-435-220S  
XX-XXX-XXX-XXX-XXXX-XXX  
 |     |     |     |  
 BODY CONTACTS OPTIONS  
 SERIES     SIZE     HARDWARE

**PLUG**

**SERIES**

MS .050" Low Profile Metal PC Board Mount Connector  
 MR .050" Low Profile Plastic PC Board Mount Connector  
 (MS & MR mate with MP, MQ, MR, MS, receptacles)

**BODY**

- 2 2-Row (Sizes 9 thru 37)
- 3 3-Row (Size 51)
  
- BODY STYLE:**
- 5 Plug, right angle, narrow footprint, w/ mounting holes
  
- BODY MATERIAL:**
- 1 Polyphenylene Sulfide (MR only)
- 2 Electroless nickel shell w/ PPS insulator
- 3 Electrodeposited cadmium shell w/ PPS insulator
- 4 Hard anodized black shell w/ PPS insulator

**SIZE**

XXX 009, 015, 021, 025, 031, 037, 051

**CONTACTS**

- TYPE CONTACTS/TERMINATIONS:**
- 32 Pin, right angle, PCB leads, .109"
  - 33 Pin, right angle, PCB leads, .140"
  - 34 Pin, right angle, PCB leads, .172"
- PLATING OPTIONS:**
- 3 50 μ" Au contacts: Au terminations
  - 5 50 μ" Au contacts; Sn/Pb alloy terminations
  - 7 50 μ" Au contacts; SAC305 terminations

**HARDWARE**

- STYLE OF HARDWARE:**
- 00 None
  - 22 Two fixed jacknuts
  - 41 Two turning jackscrews, allen head, retaining ring\*
  - 99 Keying hardware, see options below (Body material 2, 3 and 4 only)
- POLARIZATION / WIRING:**
- 0R Reversed body polarization
  - 0S Standard body polarization

**OPTIONS**

- KPXX Two fixed jacknuts
- 905 Threaded inserts, standard body polarization

**NOTES**

See page MA-6 for keying options  
 \* = Connector body has no mounting holes.  
 = Option not RoHS compliant

**RECEPTACLE**

**SERIES**

MS .050" Low Profile Metal PC Board Mount Connector  
 MR .050" Low Profile Plastic PC Board Mount Connector  
 (MS & MR mate with MP, MQ, MR, MS plugs)

**BODY**

- 2 2-Row (Sizes 9 thru 37)
- 3 3-Row (Size 51)
  
- BODY STYLE:**
- 6 Receptacle, right angle, narrow footprint, w/ mounting holes
  
- BODY MATERIAL:**
- 1 Polyphenylene Sulfide (MR only)
- 2 Electroless nickel shell w/ PPS insulator
- 3 Electrodeposited cadmium shell w/ PPS insulator
- 4 Hard anodized black shell w/ PPS insulator

**SIZE**

XXX 009, 015, 021, 025, 031, 037, 051

**CONTACTS**

- TYPE CONTACTS/TERMINATIONS:**
- 43 Socket, right angle, PCB leads, .109"
  - 44 Socket, right angle, PCB leads, .140"
  - 45 Socket, right angle, PCB leads, .172"
- PLATING OPTIONS:**
- 3 50 μ" Au contacts: Au terminations
  - 5 50 μ" Au contacts; Sn/Pb alloy terminations
  - 7 50 μ" Au contacts; SAC305 terminations

**HARDWARE**

- STYLE OF HARDWARE:**
- 00 None
  - 22 Two fixed jacknuts
  - 41 Two turning jackscrews, allen head, retaining ring\*
  - 99 Keying hardware, see options below (Body material 2, 3 and 4 only)
- POLARIZATION / WIRING:**
- 0R Reversed body polarization
  - 0S Standard body polarization

**OPTIONS**

- KPXX Two fixed jacknuts
- 905 Threaded inserts, standard body polarization

**NOTES**

See page MA-6 for keying options  
 \* = Connector body has no mounting holes.  
 = Option not RoHS compliant

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