

**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