

**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

#### 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, u" 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

#### NOTES

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

# Mouser Electronics

Authorized Distributor

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

## AirBorn:

[MR-261-025-435-220S](#) [MS-252-037-345-410S](#) [MS-252-025-325-000R](#) [MS-363-051-455-410R](#) [MS-363-051-455-220R](#) [MS-363-051-445-220R](#) [MS-363-051-455-000S](#) [MS-263-015-445-410R](#) [MS-263-015-435-410S](#) [MS-363-051-445-220S](#) [MS-363-051-435-000S](#) [MS-363-051-455-220S](#) [MS-363-051-445-000R](#) [MS-253-015-325-220R](#) [MS-252-031-335-410S](#) [MS-252-037-345-410R](#) [MS-252-025-345-410R](#) [MS-253-037-325-410R](#) [MS-253-021-325-000S](#) [MS-252-021-335-000S](#) [MS-253-025-345-410S](#) [MS-252-031-325-410S](#) [MS-252-037-345-000R](#) [MS-253-031-335-000R](#) [MS-253-031-325-220R](#) [MS-253-031-325-410S](#) [MS-252-031-345-220R](#) [MS-253-031-345-220S](#) [MS-252-025-345-000R](#) [MS-253-021-345-000S](#) [MS-253-025-325-220R](#) [MS-252-025-335-000R](#) [MS-252-025-345-220R](#) [MS-253-031-335-410S](#) [MS-253-025-335-220R](#) [MS-252-025-345-000S](#) [MS-253-025-345-000R](#) [MS-252-025-335-220R](#) [MS-253-021-325-410R](#) [MS-253-021-335-000R](#) [MS-253-021-345-220S](#) [MS-252-015-335-410S](#) [MS-253-015-345-220R](#) [MS-253-021-335-000S](#) [MS-252-015-325-410R](#) [MS-252-009-325-000S](#) [MS-253-015-345-000R](#) [MS-253-015-345-410R](#) [MS-252-009-325-410R](#) [MS-253-009-325-220R](#) [MS-253-009-335-000R](#) [MS-252-009-345-220S](#) [MS-262-037-455-220S](#) [MS-362-051-435-410R](#) [MS-263-037-455-410R](#) [MS-262-037-445-410S](#) [MS-262-037-455-000R](#) [MS-252-009-345-410R](#) [MS-262-037-445-000S](#) [MS-263-037-445-410S](#) [MS-262-037-455-410R](#) [MS-263-031-445-220R](#) [MS-263-025-455-000S](#) [MS-263-037-455-000R](#) [MS-262-031-435-410S](#) [MS-262-031-445-410R](#) [MS-262-031-455-410R](#) [MS-263-037-445-220R](#) [MS-262-021-435-220R](#) [MS-263-025-435-000R](#) [MS-263-025-435-410S](#) [MS-263-025-445-000S](#) [MS-263-037-445-000R](#) [MS-262-021-455-000R](#) [MS-263-025-435-000S](#) [MS-262-037-445-000R](#) [MS-262-025-445-220S](#) [MS-262-025-455-410S](#) [MS-262-015-445-000R](#) [MS-263-025-445-410S](#) [MS-263-031-455-000R](#) [MS-263-037-435-220R](#) [MS-262-021-445-000R](#) [MS-263-021-455-220R](#) [MS-262-021-435-000R](#) [MS-263-021-435-000S](#) [MS-263-009-445-000S](#) [MS-262-015-435-410R](#) [MS-263-015-455-410S](#) [MS-263-021-445-000S](#) [MS-263-015-455-000S](#) [MS-263-031-435-410S](#) [MS-263-009-455-410R](#) [MS-262-015-435-000S](#) [MS-352-051-335-410S](#) [MS-353-051-345-000R](#) [MS-353-051-325-410S](#) [MS-263-009-435-220R](#) [MS-262-009-445-410S](#) [MS-262-009-445-410R](#)