

**PLUG:** MK-252-031-335-220S  
**RECEPTACLE:** MK-262-031-445-220S  
 XX-XXX-XXX-XXX-XXXX-XXX  
 |     |     |     |     |  
 BODY CONTACTS OPTIONS  
 SERIES SIZE HARDWARE

### PLUG

### RECEPTACLE

#### SERIES

MK .050" Rugged Metal PC Board Mount Connector  
 ML .050" Rugged Plastic PC Board Mount Connector  
 (MK & ML mate with MK, ML, MM, MN, receptacles)

#### BODY

- 2 2-Row (Sizes 9 thru 37)
  - 3 3-Row (Size 51 & 69\*\*\*)
  - 4 4-Row (Size 100)
- BODY STYLE:
- 5 Plug, right angle, narrow footprint, w/ mounting holes
- BODY MATERIAL:
- 1 Polyphenylene Sulfide (ML only)
  - 2 Electroless nickel shell w/ PPS insulator
  - 3 Electrodeposited cadmium shell w/ PPS insulator
  - 4 Hard anodized black shell w/ PPS insulator
  - 5 Stainless steel shell w/ PPS insulator

#### SIZE

XXX 009, 015, 021, 025, 031, 037, 051, 069\*\*\*, 100

#### 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 (62\*)
  - 41 Two turning jackscrews, allen head, retaining ring\*\*\*\*(81\*)
  - 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 (KN\*)
- 94P Mil-Spec footprint (size 100 only), standard body polarization
- 0B7 #2-56 threaded inserts, standard body polarization
- 0BJ Mil-Spec footprint (size 100 only) with #2-56 threaded inserts, standard body polarization
- 0H7 #4-40 threaded inserts (size 100 only), standard body polarization
- 0H6 Mil-Spec footprint (size 100 only) with #4-40 threaded inserts, standard body polarization

#### NOTES

See page MA-6 for keying options  
 \* = Use numbers in parenthesis when ordering size 100.  
 \*\*\* = 69 position connectors are available in metal only.  
 \*\*\*\* = Connector body has no mounting holes.  
 = Option not RoHS compliant

#### SERIES

MK .050" Rugged Metal PC Board Mount Connector  
 ML .050" Rugged Plastic PC Board Mount Connector  
 (MK & ML mate with MK, ML, MM, MN plugs)

#### BODY

- 2 2-Row (Sizes 9 thru 37)
  - 3 3-Row (Size 51 & 69\*\*\*)
  - 4 4-Row (Size 100)
- BODY STYLE:
- 6 Receptacle, right angle, narrow footprint, w/ mounting holes
- BODY MATERIAL:
- 1 Polyphenylene Sulfide (ML only)
  - 2 Electroless nickel shell w/ PPS insulator
  - 3 Electrodeposited cadmium shell w/ PPS insulator
  - 4 Hard anodized black shell w/ PPS insulator
  - 5 Stainless steel shell w/ PPS insulator

#### SIZE

XXX 009, 015, 021, 025, 031, 037, 051, 069\*\*\*, 100

#### 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 (62\*)
  - 41 Two turning jackscrews, allen head, retaining ring\*\*\*\*(81\*)
  - 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 (KN\*) and interfacial sealing gasket.
- 900 Interfacial sealing gasket
- 0B7 #2-56 Threaded inserts and interfacial sealing gasket standard body polarization
- 0H7 #4-40 threaded inserts (size 100 only), and interfacial sealing gasket, standard body polarization

#### NOTES

See page MA-6 for keying options  
 \* = Use numbers in parenthesis when ordering size 100.  
 \*\*\* = 69 position connectors are available in metal only.  
 \*\*\*\* = Connector body has no mounting holes.  
 = Option not RoHS compliant

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