LEAD CONFIGURATION OPTIONS

PLUG: MK–2R2–031–335–220S
RECEPTACLE: MK–2S2–031–445–220S

XX–XXX–XXX–XXX–XXXX–XXX
SERIES | BODY | SIZE | CONTACTS | HARDWARE | OPTIONS

PLUG

SERIES

MK .050" Rugged Metal PC Board Mount Connector
(MK mates 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 only)

BODY STYLE: Thru Cut
R Plug, right angle (thru clearance cut), narrow footprint, w/ mounting holes

BODY MATERIAL:
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
A Pure Electro-Deposited Aluminum
K Zinc Nickel Plating
T Nickel Polymer Plating

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 M-186 for keying options.

* = Use numbers in parenthesis when ordering size 100.
** = 100 position connector standard body polarization only.
**** = Connector body has no mounting holes.
☒ = Option not RoHS compliant

RECEPTACLE

SERIES

MK .050" Rugged Metal PC Board Mount Connector
(MK mates 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 only)

BODY STYLE: Thru Cut
S Receptacle, right angle (thru clearance cut), narrow footprint, w/ mounting holes

BODY MATERIAL:
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
A Pure Electro-Deposited Aluminum
K Zinc Nickel Plating
T Nickel Polymer Plating

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 M-186 for keying options.

* = Use numbers in parenthesis when ordering size 100.
** = 100 position connector standard body polarization only.
**** = Connector body has no mounting holes.
☒ = Option not RoHS compliant

Downloaded from Arrow.com.