METAL MICRO-D VERTICAL BOARD MOUNT CONDENSED GROUNDING

GENDER
1 = RECEPTACLE, SOCKET CONTACTS
2 = PLUG, PIN CONTACTS

NUMBER OF CONTACTS
009   025   051
015   031   069
021   037

HARDWARE
FLANGE MTN. HOLES/BOARD MOUNT MNT HOLES
0 = .094 HOLE THRU
1 = 2-56 JACKPOST / .094
2 = 2-56 JACKPOST / 2-56 INSERT
3 = 2-56 INSERT / 2-56 INSERT

SHELL FINISH
ALUMINUM
A = CADMIUM
B = NICKEL
G = GOLD
STAINLESS STEEL
P = PASSIVATED

TERMINATIONS
1 = .109 ±.015
2 = .140 ±.015
3 = .172 ±.015
4 = .190 ±.015
5 = .250 ±.015

EMI SPRINGS (PLUG ONLY)
OMIT IF NOT USED

1. MATERIALS:
   SHELL - SEE OPTIONS ABOVE
   INSULATOR/BACKSHELL - GLASS FILLED THERMOPLASTIC
   PIN/SOCKET CONTACT - COPPER ALLOY
   GROUND PINS - BRASS
   INTERFACIAL SEAL - FLUOROSILICONE BLEND
   HARDWARE - STAINLESS STEEL

2. FINISH:
   SHELL - SEE OPTIONS ABOVE
   PIN/SOCKET CONTACT - GOLD OVER NICKEL
   HARDWARE - PASSIVATED
   GROUND PINS - SOLDER DIPPED

3. SPECIFICATIONS:
   CURRENT RATING --------------- 3 AMPS MAX
   TEMPERATURE RATING -------- -55° C TO +125° C
   INSULATION RESISTANCE ------ 5000 MEGOHMS MIN
   DWV AT SEA LEVEL -------------- 600 VAC
   DWV AT 70,000 FT ALTITUDE -- 150 VAC
   CONTACT RESISTANCE ------ 65 mV DROP MAX AT 2.5 AMPS
   CONTACT RETENTION -------- 5 lb MINIMUM AXIAL LOAD
   ENGAGEMENT FORCE ----------- 6 oz MAX
   SEPARATION FORCE --------- 0.5 oz MIN

4. ADDITIONAL INFORMATION:
   DESIGN AND PERFORMANCE IN GENERAL
   ACCORDANCE WITH MIL-DTL-83513 WHERE APPLICABLE.
   CONTACT CRISTEK FOR RoHS AND OTHER
   CONFIGURATIONS.

MATERIALS AND FINISHES ARE IAW MIL-DTL-83513
FOR DETAILS SEE MIL SPEC OR WWW.CRISTEK.COM
GMV RECEPTACLE PCB LAYOUTS

- 9 CONTACTS
- 25 CONTACTS
- 37 CONTACTS
- 51 CONTACTS
- 69 CONTACTS

.075 X .075 GRID PATTERN OFFSET BY .0375
GMV PLUG PCB LAYOUTS

.075 X .075 GRID PATTERN OFFSET BY .0375