### MICRO-D METAL CONNECTOR

**VERTICAL BOARD MOUNT, .075 X .075 FOOTPRINT**

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#### BODY STYLE #1

- **A MAX:** 1.800
- **B MAX:** 1.450
- **C MAX:** 1.100
- **D PLUG:** .310
- **D RECEPT:** .310
- **E MAX:** .310
- **F MAX:** .310
- **G MAX:** .310

#### BODY STYLE #2

- **A MAX:** 1.800
- **B MAX:** 1.450
- **C MAX:** 1.100
- **D PLUG:** .310
- **D RECEPT:** .310
- **E MAX:** .310
- **F MAX:** .310
- **G MAX:** .310

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#### OPTIONS

- SEE TERMINATION OPTIONS

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#### TOLERANCES

- **.XXX ± .005**
- **.XX ± .01**
- **ANGLE ± 1°**

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**CRISTEK.COM**

888.265.9162
MATERIALS AND FINISHES ARE IAW MIL-DTL-83513 FOR DETAILS SEE MIL SPEC OR WWW.CRISTEK.COM

1. MATERIALS:
   SHELL - ALUMINUM ALLOY / STAINLESS STEEL
   INSULATOR / BACKSHELL - GLASS-FILLED THERMOPLASTIC
   PIN/SOCKET CONTACT - COPPER ALLOY
   INTERFACIAL SEAL - FLUOROSILicone BLEND

2. FINISH:
   SHELL - ELECTROLESS NICKEL OR CADMIUM OVER ELECTROLESS NICKEL OR PASSIVATION
   PIN/SOCKET CONTACT - GOLD OVER NICKEL

3. SPECIFICATIONS:
   CURRENT RATING: 3 AMPS MAX
   TEMPERATURE RATING: -55°C TO +125°C C
   INSULATION RESISTANCE: 5000 MEGOhMS MIN
   DWV AT SEA LEVEL: 600 VAC
   DWV AT 70,000 FT ALTITUDE: 150 VAC
   CONTACT RESISTANCE: 24 AWG = 25 MILLiOHMS MAX.
   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 MS3513 WHERE APPLICABLE.
   CONTACT CRISTEK FOR OTHER CONFIGURATIONS.

TOLERANCE: .XXX ±.005
XX ±.01 ANGLE ±1°

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MSV RECEPTACLE PCB LAYOUTS
.075 x .075 GRID PATTERN

9 CONTACTS

15 CONTACTS

21 CONTACTS

25 CONTACTS

31 CONTACTS

37 CONTACTS

51 CONTACTS

100 CONTACTS

MSV RECEPTACLE PCB LAYOUTS
.075 x .075 GRID PATTERN

TOLERANCE: XXX ±.005
XX ±.01
ANGLE ±1°

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VERTICAL BOARD MOUNT,
.075 X .075 FOOTPRINT

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