MICRO-D METAL SHELL
SURFACE MOUNT
GENDER
1 = RECEPTACLE
2 = PLUG
NUMBER OF CONTACTS
009 025
015 031
021 037
HARDWARE
1 = THROUGH HOLE BRACKET / JACKPOST
2 = THROUGH HOLE BRACKET / CAPTURED HEX JACKSCREW
3 = NO BRACKET / THREADED INSERT IN SHELL
4 = THREADS IN BRACKET / JACKPOST
5 = THREADS IN BRACKET / CAPTURED HEX JACKSCREW

SHELL FINISH
ALUMINUM
A = CADMIUM
B = ELECTROLESS NICKEL
C = ANODIZE
STAINLESS STEEL
P = PASSIVATED

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

1. MATERIALS:
   SHELL - ALUMINUM ALLOY / STAINLESS STEEL
   INSULATOR / LEAD ORGANIZER - 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
   INSULATION RESISTANCE --------- 5000 MEGOHMS MIN
   DWV AT SEA LEVEL----------------- 600 VAC
   DWV AT 70,000 FT ALTITUDE ------ 150 VAC
   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 M83513 WHERE APPLICABLE
   CONTACT CRISTEK FOR OTHER CONFIGURATIONS.

REV  F

SERIES MSM

MICRO-D METAL PC BOARD MOUNT,
SMT CONNECTOR .025" PITCH

SHELL POLARIZATION
S = STANDARD BODY
R = REVERSE BODY

TERMINATION PLATING
G = GOLD
T = HOT SOLDER DIP

TOLERANCE: .005 ± .001
ANGLE ± 1°
MSM PLUG CONTACT FOOTPRINT *

MSM RECEPTACLE CONTACT FOOTPRINT *

CONTACT FOOTPRINT LENGTHS (TYPICAL)
(MEASUREMENT SHOWN FROM CENTER OF CONTACT TO LEAD END)

* FOOTPRINT PATTERN REVERSED FOR REVERSED SHELL POLARIZATION