1. MATERIALS:
- SHELL - ALUMINUM ALLOY
- INSULATOR/BACKSHELL - GLASS FILLED THERMOPLASTIC
- PIN/SOCKET CONTACT - COPPER ALLOY
- LEAD - BRASS
- INTERFACIAL SEAL - FLUOROSILICONE BLEND

2. FINISH:
- SHELL - ELECTROLESS NICKEL OR CADMIUM OVER ELECTROLESS NICKEL
- PIN/SOCKET CONTACT & LEAD - GOLD OVER NICKEL (LEADS ARE TYPICALLY HOT 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 -------- 70 mV DROP MAX AT 2.5 AMPS
- LOW LEVEL CONTACT ------- 25 MILLIOHMS MAX
- RESISTANCE
- 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 HARDWARE OPTIONS.

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

SURFACE MOUNT METAL SHELL
RIGHT ANGLE MICRO-D

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

NUMBER OF CONTACTS
009  025  051
015  031
021  037

SHELL HARDWARE
0 = NO HARDWARE
1 = JACKPOST PER M83513/05 - 07
2 = SLOTTED JACKSCREW PER M83513/05 - 05
3 = CAPTURED HEX DRIVE LOW PROFILE JACKSCREW

SHELL FINISH
A = CADMIUM
B = NICKEL

THREADED INSERT STANDOFF(S)