1. MATERIALS:
   - SHELL - ALUMINUM ALLOY
   - INSULATOR - GLASS FILLED THERMOPLASTIC
   - SOCKET CONTACT - COPPER ALLOY
   - INTERFACIAL SEAL - FLUOROSILICONE BLEND

2. FINISH:
   - SHELL - ELECTROLESS NICKEL OR CADMIUM
     OVER ELECTROLESS NICKEL
   - 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 RETENTION ----------- 5 lb MINIMUM AXIAL LOAD
   - ENGAGEMENT FORCE ----------- 6 oz MAX
   - SEPARATION FORCE ----------- 0.5 oz MIN

4. ADDITIONAL INFORMATION:
   - FOR CROSS-REFERENCING CRISTEK PART NUMBERS TO M83513, SEE CROSS REFERENCE INFORMATION IN THE FRONT OF THIS SECTION.
   - FOR MOUNTING HARDWARE OPTIONS, SEE THE HARDWARE PAGES AT THE END OF THIS SECTION

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

CRISTEK’S P/N EQUIVALENT TO M83513 MIL SPEC.
RECEPTACLE, CLASS M, SOLDER CUP SOCKET CONTACTS
NUMBER OF CONTACTS
A = 9     D = 25   G = 51
B = 15   E = 31   H = 100
C = 21   F = 37

SHELL FINISH
C = CADMIUM
N = NICKEL