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:
   - 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

1. MATERIALS:
   - SHELL: ALUMINUM ALLOY
   - INSULATOR: GLASS FILLED THERMOPLASTIC
   - PIN CONTACT: COPPER ALLOY

2. FINISH:
   - SHELL: ELECTROLESS NICKEL OR CADMIUM OVER ELECTROLESS NICKEL
   - CONTACT: GOLD OVER NICKEL

CRISTEK’S P/N EQUIVALENT TO M83513 MIL SPEC.

PLUG, CLASS M, SOLDER CUP PIN 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