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<th>B .05C</th>
<th>C MAX</th>
<th>D MAX</th>
<th>E ± .01</th>
<th>F ± .01</th>
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CIM XX - X XX X X

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

SLASH NUMBER (M83513/#)
- 10 = PLUG SIZE 9-37
- 11 = PLUG SIZE 51
- 12 = PLUG SIZE 100
- 13 = RECEPTACLE SIZE 9-37
- 14 = RECEPTACLE SIZE 51
- 15 = RECEPTACLE SIZE 100

NUMBER OF CONTACTS
- A = 9  D = 25  G = 51
- B = 15  E = 31  H = 100
- C = 21  F = 37

TERMINATIONS
- 01 = .109 ± .015
- 02 = .140 ± .015
- 03 = .172 ± .015

ALL 24 AWG (.020 DIA)
HOT SOLDER DIPPED

SHELL FINISH
- C = CADMIUM
- N = NICKEL

SHELL HARDWARE
- N = NO HARDWARE
- P = JACKPOST PER M83513/05-07 SIZES 9 THRU 51
- JACKPOST PER M83513/05-17 FOR SIZE 100

1. MATERIALS:
- SHELL - ALUMINUM ALLOY
- INSULATOR & BACKSHELL - GLASS FILLED THERMOPLASTIC
- CONTACT - COPPER ALLOY
- INTERFACIAL SEAL (RECEPT) - FLUOROSILICONE BLEND

2. FINISH:
- SHELL - ELECTROLESS NICKEL OR CADMIUM OVER ELECTROLESS NICKEL
- 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 RESISTANCE ------- 24 AWG = 25 MEGOHMS MAX
- CONTACT RETENTION -------- 5 lb MAXIMUM 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.
- ALL INTERFACE DIMENSIONS IN ACCORDANCE WITH M83513.