

M83723

ENVIRONMENTAL

- Temperature Range: -55°C to +175°C

MECHANICAL

- Shell: 9602: 00H Nickel Plated Steel
9062: 04H Stainless Steel
- Insert Material: Glass
- Interfacial Insert: Silicone Elastomer or Fluorated Silicone
- Contact Type: Solder Type
- Contact Material: Nickel Iron Alloy
- Contact Plating: Gold
- O-Ring: Viton®

ELECTRICAL

- Withstanding Voltage:

At Sea Level: 1500 V. 50 Hz (R.M.S.)

In Altitude:

At 15000 m - 500 V

At 21000 m - 375 V

At 33000 m - 200 V

- Insulation Resistance: 5000 MΩ at 25°C and 60% HR
- Contact Maximum Current: Size 20: 5A Size 16: 10A

Military standard P/N

M83723/ 71 R 12 12 N

(A) (B) (C) (D) (E) (F)

(A) Military spec

(B) Shell type

71 = Wall mount receptacle with socket contacts

72 = Wall mount receptacle with pin contacts

73 = Jam nut receptacle with socket contacts

74 = Jam nut receptacle with pin contacts

75 = Straight plug with socket contacts

76 = Straight plug with pin contacts

77 = RFI grounding plug with socket contacts

78 = RFI grounding plug with pin contacts

(C) Class (material and finish)

A = Aluminum shell, black anodized finish (not available in 77 and 78 RFI plugs)

G = Stainless steel shell, passivated

R = Aluminum shell, electroless nickel finish

W = Aluminum shell, olive drab cadmium over electroless nickel finish

(D) Shell size

8, 10, 12, 14, 16, 18, 20, 22 or 24

(E) Insert arrangement

(F) Polarization (keying)

N = Normal

6, 7, 8, 9 or Y (Alternate keyed positions, Y is not available in SS 8)

1, 2, 3, 4 or 5 (Clocked insert polarizations within normally keyed shell, not approved for new design, n/a in SS 8)

(G) Modification