

Straight SMA Square Flange Mount Field Plug Receptacle

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Specifications

Connector Body Style : Straight Field Plug Receptacle
 Connector Mounting : Square Flange Mount

Electrical Specifications

Frequency Range : DC 26.5GHz
 Nominal Impedance : 50Ω
 Voltage Rating : 500V Max.
 VSWR : 1.17 Max. @ 18GHz / 1.21 Max. @ 26.5GHz

Material Specifications

Bodies : Stainless Steel per JIS SUS-303
 Centre Contact : Beryllium Copper per ASTM B196 UNS C17300
 Insulation : PTFE per ASTM D1457 and ASTM D1710

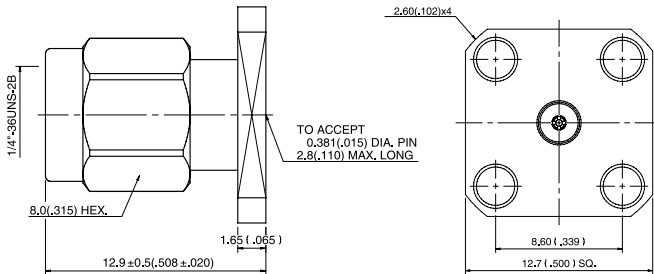
Mechanical Specifications

Interface in accordance with : MIL-STD-348A
 Recommend Coupling Torque : 7 to 10 in-lbs

Environmental Specification

Operating Temperature : -65°C to +165°C

Diagram



| No. | Description | Material | Finish/Colour |
|-----|----------------|------------------|----------------|
| 1 | Gasket | Silicone | Red |
| 2 | Shell | Stainless Steel | Gold 3μ" Min. |
| 3 | Washer | Stainless Steel | - |
| 4 | Centre Contact | Beryllium Copper | Gold 50μ" Min. |
| 5 | Insulation | PTFE | - |
| 6 | Body | Stainless Steel | Gold 3μ" Min. |

Dimensions : Millimetres (Inches)

Part Number Table

| Description | Part Number |
|---|-------------|
| Straight SMA Square Flange Mount Field Plug Receptacle, 50Ω | MC002941 |

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