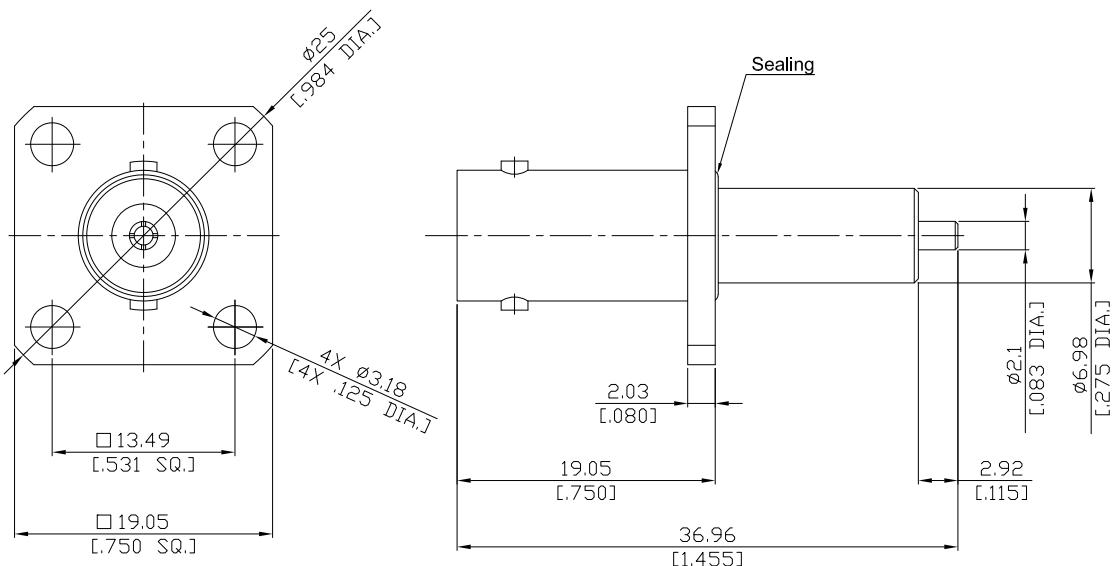


BNC Jack (Female) Connector Solder Attachment 4 Hole Flange Mount
Stub Terminal, 13.49mm (.531 inch) Hole Spacing DC-4GHz VSWR1.22

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All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-8; MIL-STD-348B/301

Electrical Data

| | |
|--|----------------------|
| Impedance | 50 Ω |
| Frequency | DC to 4 GHz |
| VSWR (Return Loss) | ≤ 1.22 (≥ 20 dB) |
| Insertion Loss | ≤ 0.05 x √F (GHz) dB |
| Insulation Resistance | ≥ 5 GΩ |
| Center Contact Resistance | ≤ 1.5 mΩ |
| Outer Contact Resistance | ≤ 1 mΩ |
| Test Voltage | 1500 V rms |
| Working Voltage (at sea level) | 400 V rms |
| Power Handling (at 20 °C, sea level, VSWR 1.0) | ≤ 80 W @ 2 GHz |

Material And Plating

| Piece Parts | Material | Plating |
|----------------|------------------|--|
| Centre contact | Beryllium Copper | Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch) |
| Body | Brass | Nickel |
| Insulator | PTFE | |

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Mechanical Data

| | |
|-----------------------------------|------------|
| Coupling mechanisms | Bayonet |
| Mating Cycles | ≥ 500 |
| Centre Contact | Soldered |
| Terminal Type | Stub |
| Captivated Type | Mechanical |
| Center Contact Captivation: axial | ≥ 15 N |

Environmental Data

| | |
|---------------------|---------------------------------|
| Temperature Range | -55°C to +155°C |
| Thermal shock | MIL-STD-202, Meth. 107, Cond. B |
| Corrosion | MIL-STD-202, Meth. 101, Cond. B |
| Vibration | MIL-STD-202, Meth. 204, Cond.B |
| Shock | MIL-STD-202, Meth. 213, Cond. G |
| Moisture Resistance | MIL-STD-202, Meth. 106 |
| RoHS | compliant |

Packing

Single or 100