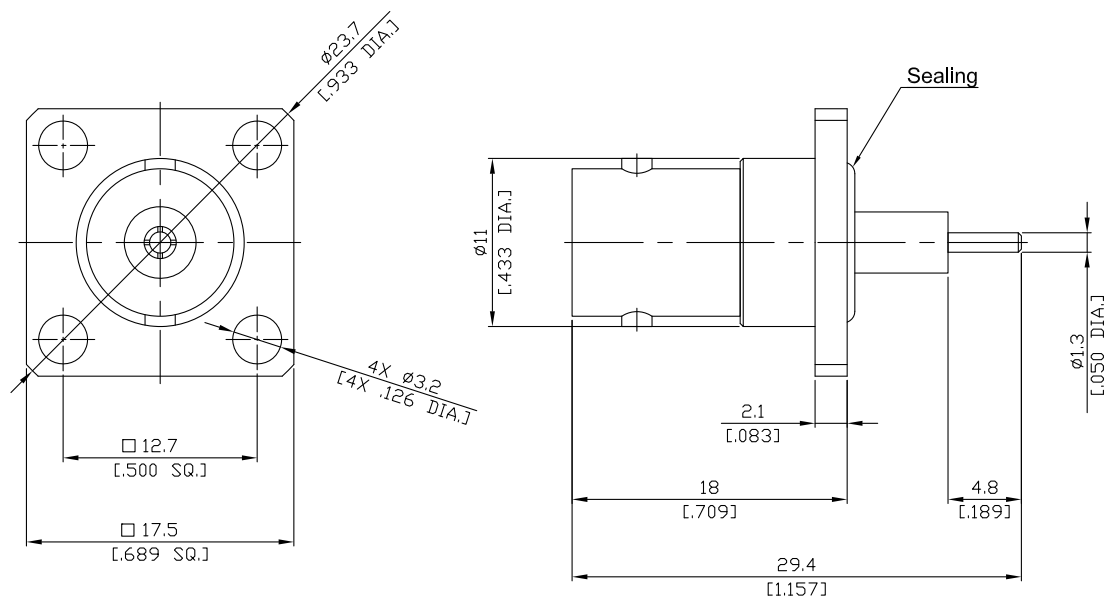


BNC Jack (Female) Connector Solder Attachment 4 Hole Flange Mount  
Stub Terminal, 12.7mm (.500 inch) Hole Spacing DC-4GHz VSWR1.43

**BNC2GFA70-2940A / H4**



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	75 $\Omega$
Frequency	DC to 4 GHz
VSWR (Return Loss)	$\leq 1.43$ ( $\geq 15$ dB)
Insertion Loss	$\leq 0.05 \times \sqrt{f}$ (GHz) dB
Insulation Resistance	$\geq 5$ G $\Omega$
Center Contact Resistance	$\leq 1.5$ m $\Omega$
Outer Contact Resistance	$\leq 1$ m $\Omega$
Test Voltage	1500 V rms
Working Voltage (at sea level)	400 V rms
Power Handling (at 20 °C, sea level, VSWR 1.0)	$\leq 80$ W @ 2 GHz

**Material And Plating**

Piece Parts	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 $\mu$ inch (Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

BNC Jack (Female) Connector Solder Attachment 4 Hole Flange Mount  
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## BNC2GFA70-2940A / H4

### 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	-45°C to +85°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