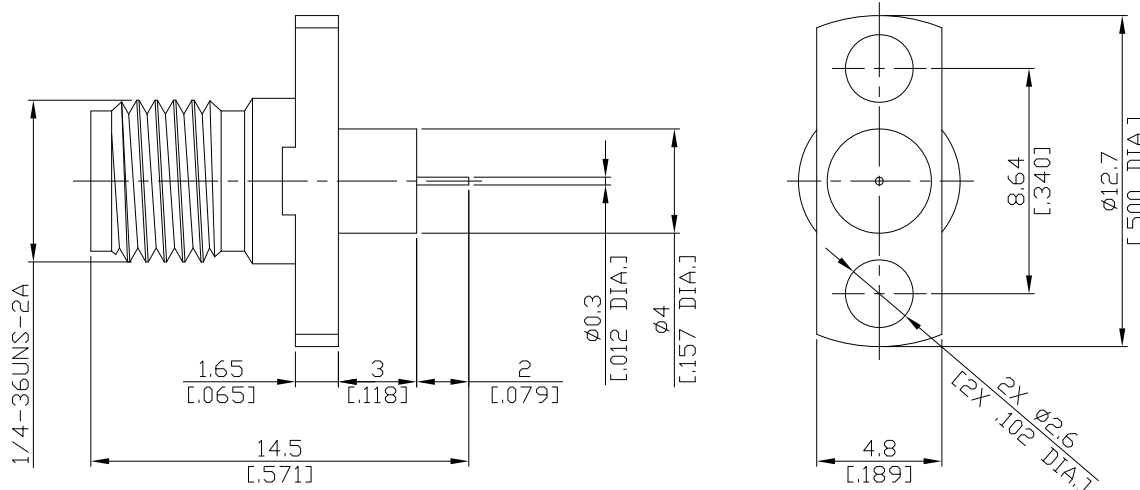


2.92mm Jack (Female) Connector Solder Attachment 2 Hole Flange Mount Stub Terminal, 8.64mm [.340 inch] Hole Spacing, DC-40GHz VSWR1.2

**K2GTA50-1450D / 9X**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

Mechanically compatible with 3.5mm, SMA  
According to IEC 61169-35, IEEE Std 287-2007

**Electrical Data**

Impedance 50  $\Omega$   
Frequency DC to 40 GHz  
VSWR (Return Loss)  $\leq 1.20$  ( $\geq 20.83$  dB)  
Insertion Loss  $\leq 0.05 \times \sqrt{F}$  (GHz) dB  
Insulation Resistance  $\geq 5$  G $\Omega$   
Test Voltage (at sea level) 750 V rms  
Working Voltage (at sea level) 250 V rms

- Return loss in application depends decisive on PCB or cavity design -

**Material And Plating**

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 $\mu$ inch (Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch)
Body	Stainless Steel	Passivated
Insulator	PEI /PTFE	

2.92mm Jack (Female) Connector Solder Attachment 2 Hole Flange Mount Stub  
Terminal, 8.64mm [.340 inch] Hole Spacing, DC-40GHz VSWR1.2

## K2GTA50-1450D / 9X

### Mechanical Data

Coupling Mechanisms	Snap-on
Mating Cycles	≥ 500
Center Contact Captivation	≥ 20 N
Coupling Test Torque 2.92mm	1.70 Nm
Recommended Torque 2.92mm	0.90 Nm

### Environmental Data

Temperature Range	-55°C to +165°C
Thermal Shock	MIL-STD-202, Meth. 107, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

### Packing

Single or 100