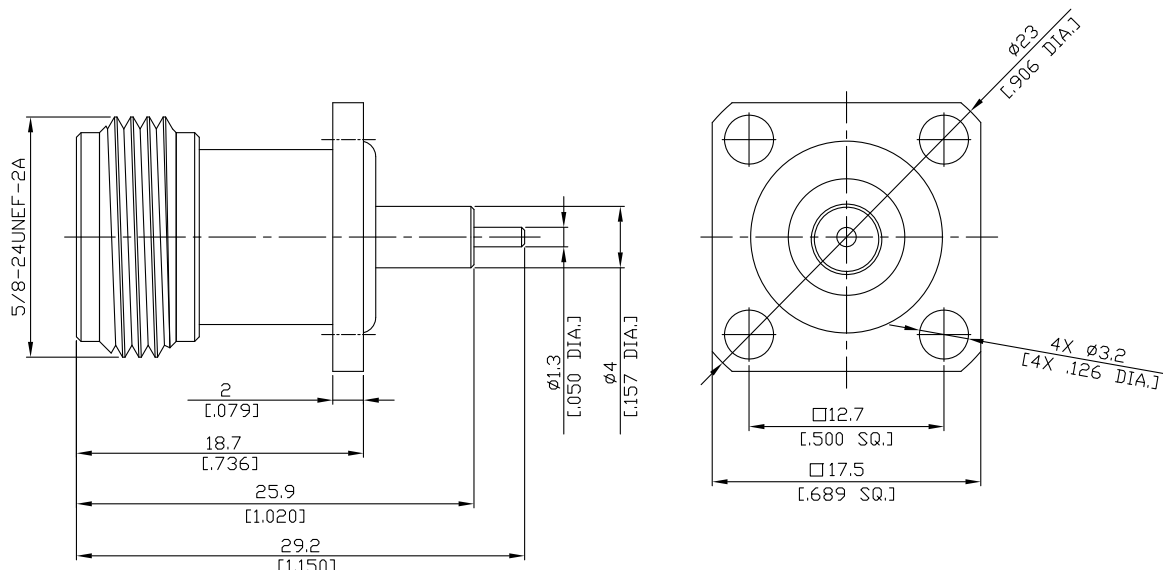


N Jack (Female) Connector Solder Attachment 4 Hole Flange Mount  
Stub Terminal, 12.7mm (.500 inch) Hole Spacing DC-11GHz VSWR1.20

**N2GFA50-2920A / 93**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to

IEC 61169-16; MIL-STD-348B/304

**Electrical Data**

Impedance

50  $\Omega$

Frequency

DC to 11 GHz

VSWR (Return Loss)

$\leq 1.20$  ( $\geq 20.83$  dB)

Insertion Loss

$\leq 0.1 \times \sqrt{F}$  (GHz) dB

Insulation Resistance

$\geq 5$  G $\Omega$

Center Contact Resistance

$\leq 1$  m $\Omega$

Outer Contact Resistance

$\leq 0.25$  m $\Omega$

Working Voltage (at sea level)

500 V rms

Power handling

1 GHz: 1000 W; 2 GHz: 700 W; 8 GHz: 300 W

**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	Nickel
Insulator	PTFE	

N Jack (Female) Connector Solder Attachment 4 Hole Flange Mount  
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## N2GFA50-2920A / 93

### Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Centre Contact	Soldered
Terminal Type	Stub
Captivated Type	Mechanical
Coupling Test Torque	1.7 Nm max.
Recommended Torque	0.7 Nm to 1.1 Nm

### 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. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

### Packing

Single or 100