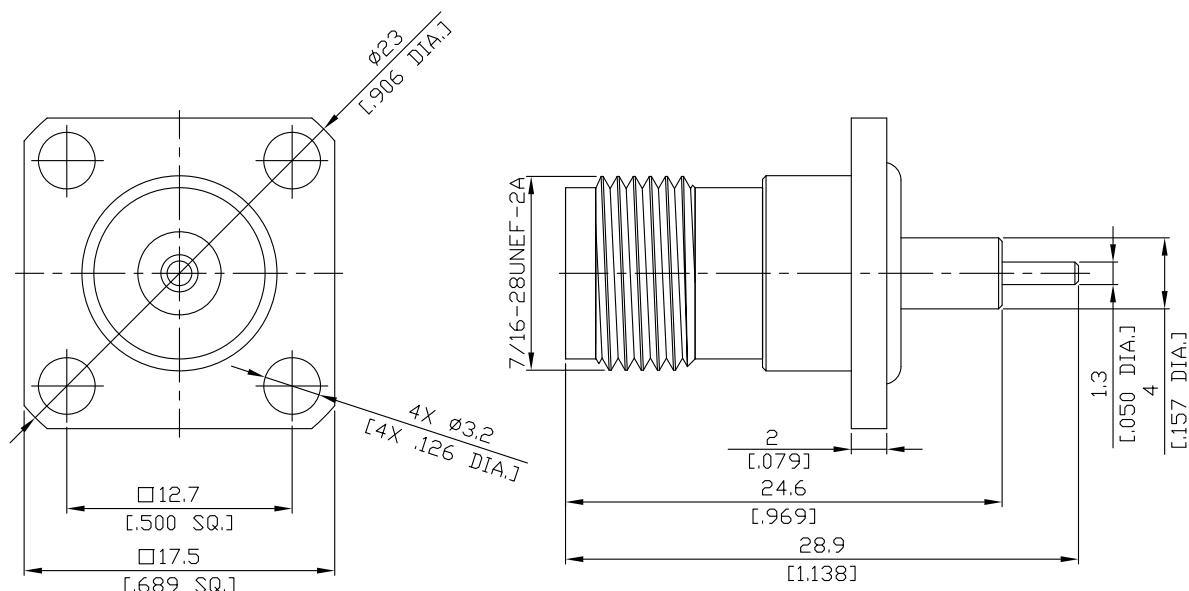


TNC R/A Jack (Female) Connector Solder Attachment 4 Hole Flange Mount
Stub Terminal, 12.7mm (.500 inch) Hole Spacing DC-8GHz VSWR1.08

TNC7GFA50-2890A / 14



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

MIL-STD-348B/313; IEC 60169-17

Electrical Data

Impedance

50 Ω

Frequency

DC to 8 GHz

VSWR (Return Loss)

≤ 1.08 (≥ 28 dB)

Insertion Loss

≤ 0.05 dB, DC to 8 GHz

Insulation Resistance

≥ 5 GΩ

Center Contact Resistance

≤ 1.5 mΩ

Outer Contact Resistance

≤ 1 mΩ

Working Voltage (at sea level)

500 V rms

Test voltage

1500 V rms

Power handling

80 W @ 2 GHz

Material And Plating

Piece Parts	Material	Plating
Centre contact	Brass	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	

**TNC R/A Jack (Female) Connector Solder Attachment 4 Hole Flange Mount
Stub Terminal, 12.7mm (.500 inch) Hole Spacing DC-8GHz VSWR1.08**

TNC7GFA50-2890A / 14

Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Centre Contact	Soldered
Terminal Type	Solder Cup
Captivated Type	Mechanical
Coupling Test Torque	1.7 Nm max.
Recommended Torque	0.46 Nm to 0.69 Nm

Environmental Data

Temperature Range	-65°C to +165°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