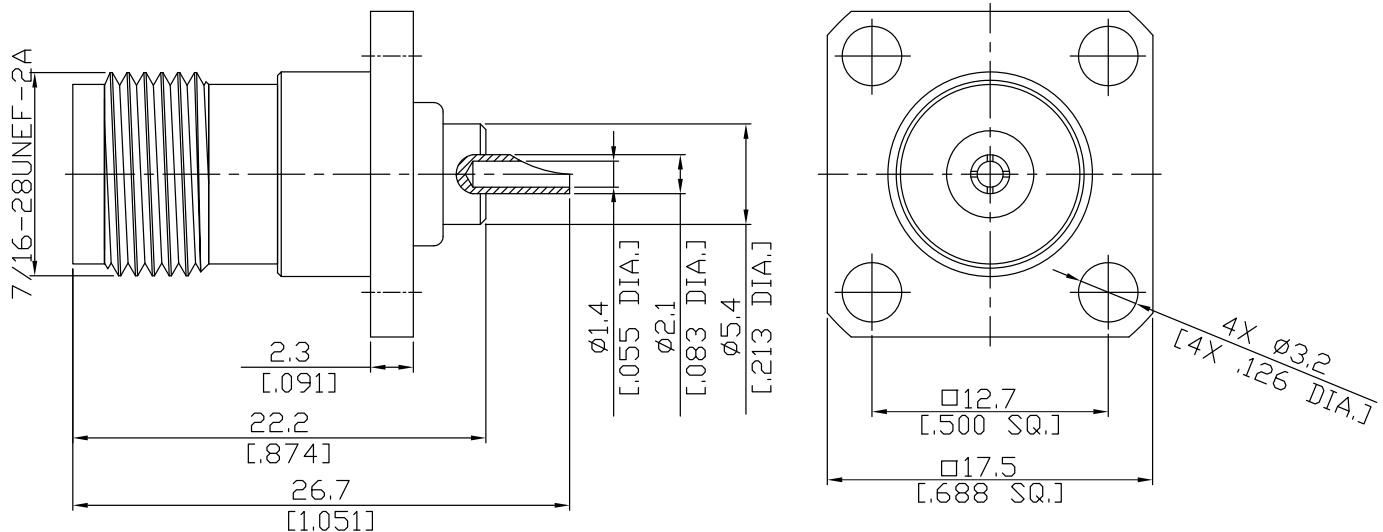


TNC Jack (female) Connector Solder Attachment 4 Hole Flange Mount  
Solder cup Terminal, 12.7mm (.500 inch) Hole Spacing DC-4GHz VSWR1.09

## TNC2GFB50-2670A / HX



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

According to

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

### Electrical Data

Impedance

50 Ω

Frequency

DC to 4 GHz

VSWR (Return Loss)

≤ 1.09 (≥ 27 dB)

Insertion Loss

≤ 0.05 dB, DC to 4 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	Phosphor Bronze	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	

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## TNC2GFB50-2670A / HX

### 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