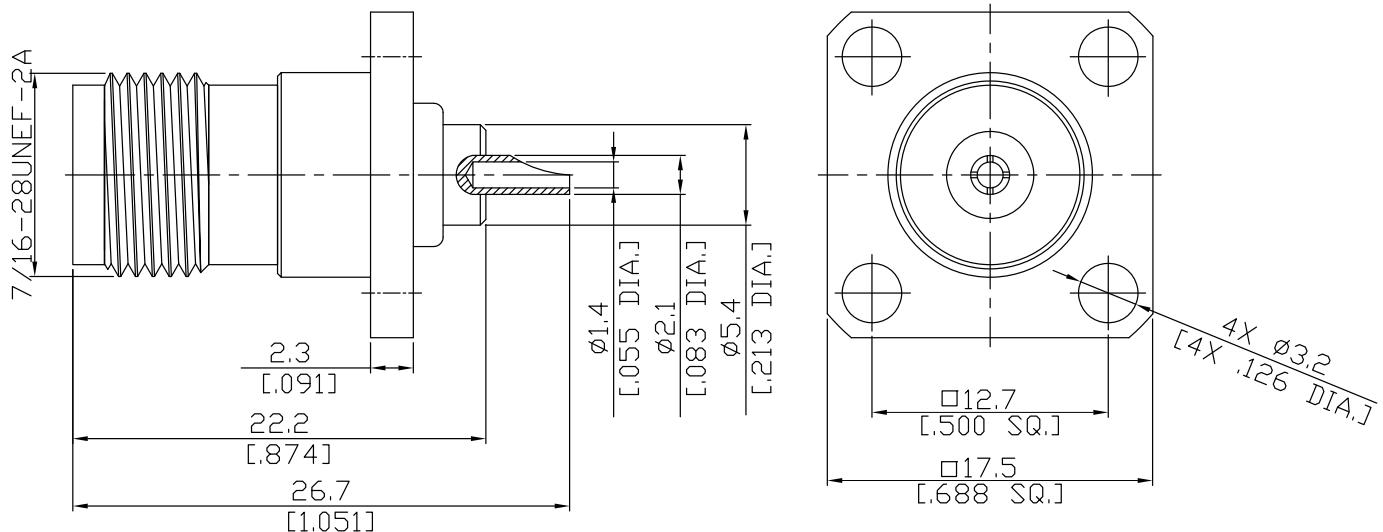


TNC Jack (female) Connector Solder Attachment 4 Hole Flange Mount
Solder cup Terminal, 12.7mm (.500 inch) Hole Spacing DC-4GHz VSWR1.09

TNC2GFB50-2670A / H4



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	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	

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 / H4

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