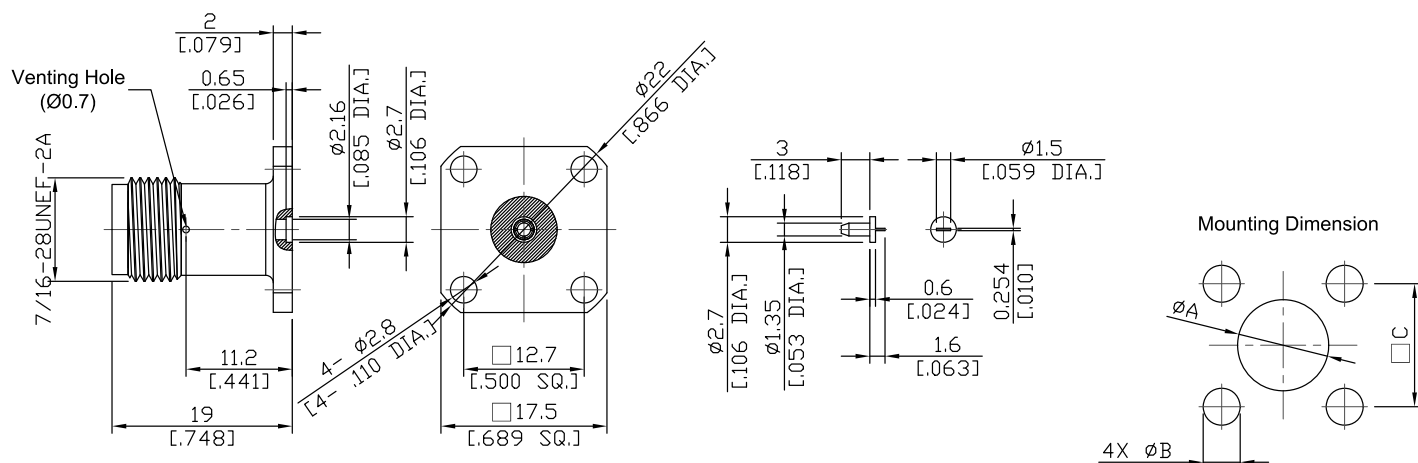


TNC Jack (Female) Field Replaceable Connector 4-Hole Flange Mount 12.7 mm (.500 inch), Accepts 1.35 mm (.053 inch) Pin, DC - 11 GHz, VSWR 1.3

VTHTNC2BF50-0053A / 9X



	mm		inch	
	Max.	Min.	Max.	Min.
A	11.3	11.2	.445	.441
B	2.80	2.70	.110	.106
C	12.75	12.65	.502	.498

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-17; CECC 22200; MIL-PRF-39012; MIL-STD-348B/313; DIN EN 122200

Electrical Data

Impedance	50 Ω
Frequency	DC to 11 GHz
VSWR (Return loss)	≤ 1.3 (≥ 17.69 dB)
Insertion Loss	≤ 0.1 × √F (GHz) dB
Insulation Resistance	≥ 5 GΩ
Center Contact Resistance	≤ 1.5 mΩ
Outer Contact Resistance	≤ 1 mΩ
Test Voltage	1500 V rms
Working voltage	500 V rms
Power handling	≤ 250 W @ 6 GHz

-VSWR in practical applications depends on the installation process-

Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PTFE	

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Mechanical Data

Coupling mechanisms	Screw-On
Mating Cycles	≥ 500
Captivated Type	Mechanical
Coupling Test Torque	1.70 Nm
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