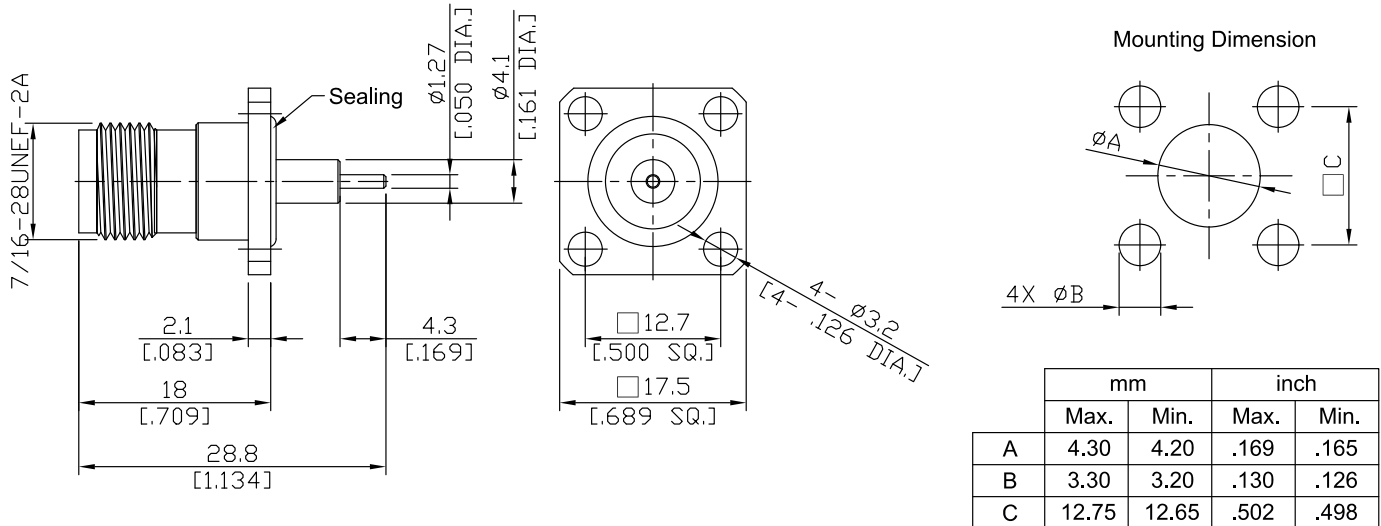


Non-Magnetic TNC Jack (Female) 4-Hole Flange Mount Connector, Solder Attachment, Stub Terminal, 12.7 mm (.500 inch) Hole Spacing, DC-4 GHz, VSWR 1.09

## NMTNC2GFA50-2880B / 94



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 4 GHz
VSWR (Return Loss)	≤ 1.09 (≥ 27.32 dB)
Insertion Loss	≤ 0.03 x √F (GHz) dB
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 (at 20 °C, sea level, VSWR 1.0)	300 W @ 2 GHz

-VSWR in practical applications depends on installation, PCB layout, and cavity design.-

### Material And Plating

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

Non-Magnetic TNC Jack (Female) 4-Hole Flange Mount Connector, Solder Attachment, Stub Terminal, 12.7 mm ( .500 inch) Hole Spacing, DC-4 GHz, VSWR 1.09

## NMTNC2GFA50-2880B / 94

### Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Centre Contact	Soldered
Center contact captivation: axial	≥ 15 N
Terminal Type	Stub
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