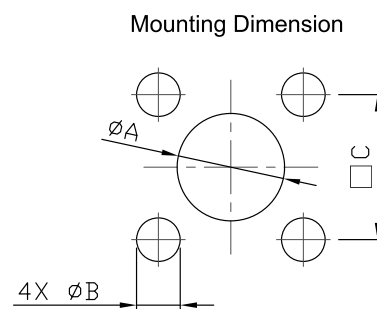
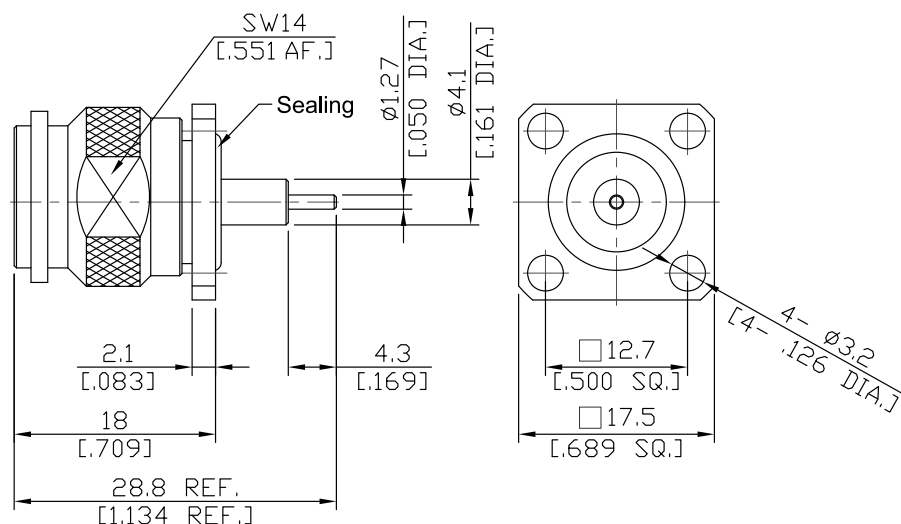


Precision TNC Plug (Male) 4-Hole Flange Mount Connector, Solder Attachment, Stub Terminal, 12.7 mm (.500 inch) Hole Spacing, DC – 18 GHz, VSWR 1.3

PCT1GFA50-2880A-S / 133



	mm		inch	
	Max.	Min.	Max.	Min.
A	4.30	4.20	.169	.165
B	3.30	3.20	.130	.126
C	12.75	12.65	.502	.498

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-26; CECC 22 200; MIL-PRF-39012; MIL-STD-348B/406

Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.3 (≥ 17.69 dB)

Insertion Loss

≤ 0.06 x √F (GHz) dB

Insulation Resistance

≥ 5 GΩ

Working Voltage (at sea level)

500 V rms

Test voltage

1500 V rms

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

Material And Plating

Piece Parts	Material	Plating
Centre contact	Phosphor Bronze	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel

Precision TNC Plug (Male) 4-Hole Flange Mount Connector, Solder Attachment,
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PCT1GFA50-2880A-S / 133

Mechanical Data

Coupling mechanisms	Screw-On
Mating Cycles	≥ 500
Centre Contact	Soldered
Center contact captivation: axial	≥ 15 N
Terminal Type	Stub
Captivated Type	Mechanical
Coupling Test Torque	max. 1.7 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