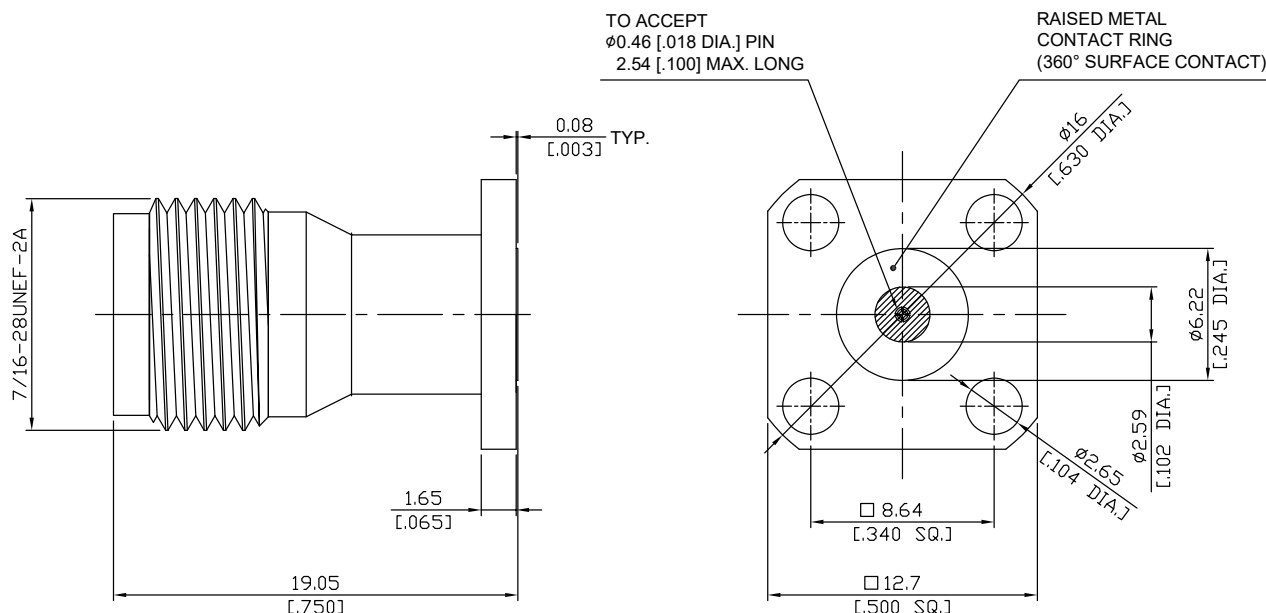


Precision TNC Jack (female) Connector 4 Straight Field Replaceable
0.48 mm [.018 inch] Pin 12.7 mm [.500 inch] Flange Size, DC-18GHz VSWR 1.25

PCT2BF50-0018A / 9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-26; MIL-STD-348B/313

Electrical Data

Impedance	50 Ω
Frequency	DC to 18 GHz
VSWR (Return loss)	≤ 1.25 (≥ 19.08 dB)
Insertion Loss	$\leq 0.05 \times \sqrt{F}$ (GHz) dB
Insulation Resistance	≥ 5 G Ω
Center Contact Resistance	≤ 1.5 m Ω
Outer Contact Resistance	≤ 1 m Ω
Test Voltage	1500 V rms
Working voltage	500 V rms
Power handling	≤ 80 W @ 2 GHz

Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Captivated Type	Mechanical
Center Contact Captivation: axial	≥ 15 N
Coupling Test Torque	1.70 Nm
Recommended Torque	0.46 Nm to 0.69 Nm

Environmental Data

Temperature Range	-55°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