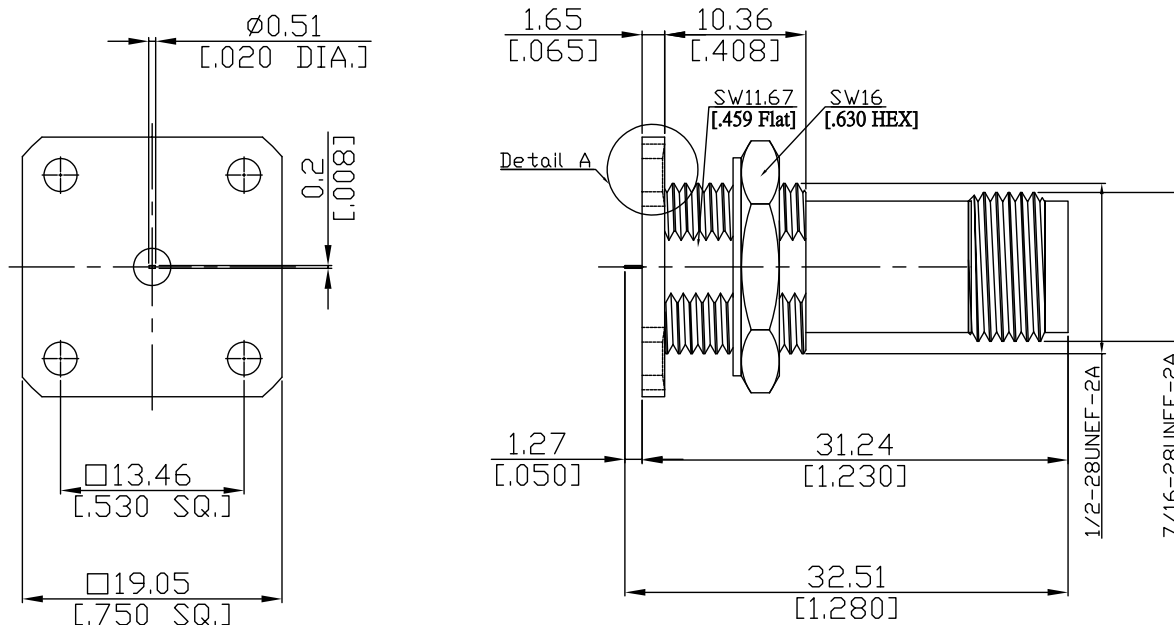


Precision TNC Jack (female) Connector Solder Attachment 4 Hole Flange Mount
Bulkhead Flat Terminal, 13.46mm (.530 inch) Hole Spacing DC-18GHz VSWR1.30

PCT2GFDA50-3251A / 9X



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 18 GHz
VSWR (Return Loss)	≤ 1.30 (≥ 17.69 dB)
Insertion Loss	$\leq 0.1 \times \sqrt{F}$ (GHz) dB
Insulation Resistance	≥ 5 G Ω
Center Contact Resistance	≤ 1.5 m Ω
Outer Contact Resistance	≤ 1 m Ω
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	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Fastening nut	Stainless Steel	Passivated
Washer	Stainless Steel	Passivated

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Centre Contact	Soldered
Terminal Type	Captivated
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