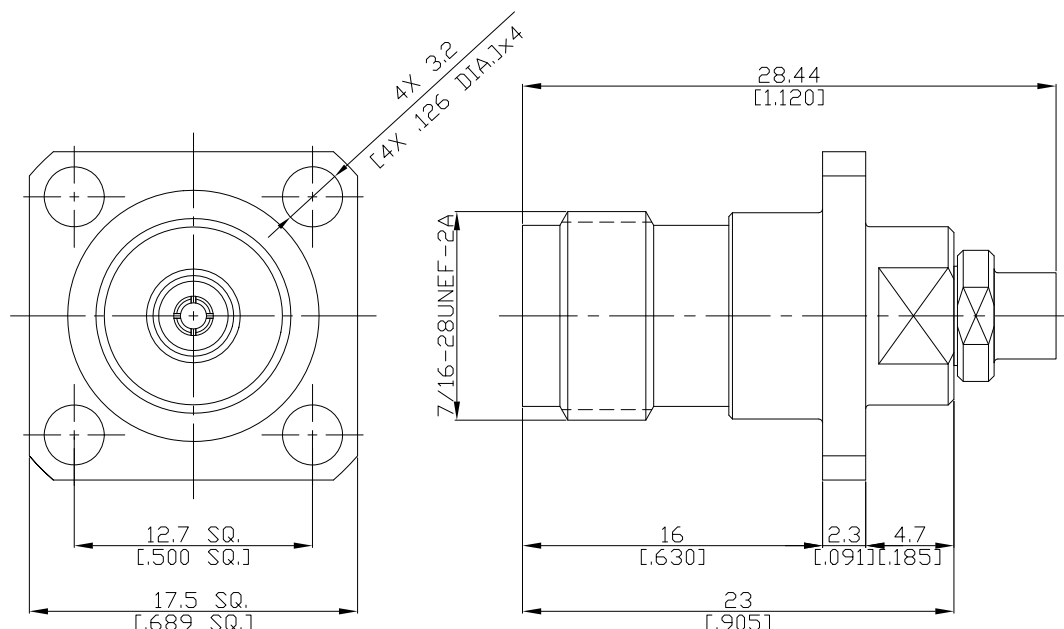


TNC Jack (Female) Panel Mount Jack 4-Hole Flange Clamp Attachment for
.141 Cable DC-11 GHz VSWR 1.2

TNC2KBF50-0141B / H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-17; MIL-STD-348A/313; MIL-C-39012

Electrical Data

Impedance	50 Ω
Frequency	DC to 11 GHz
VSWR (Return Loss)	≤ 1.2 (≥ 20.8 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 (at sea level)	1500 V rms
Working Voltage (at sea level)	500 V rms
Power Handling (at 20 °C, sea level, VSWR 1.0)	≤ 80 W @ 2 GHz

- VSWR in application depends decisive on cable assembly process-

Material And Plating

Piece Parts	Material	Plating
Centre Contact	Beryllium Copper	Gold plating, 50 μ inch (Non-magnetic nickel-phosphorus underplating, 120 μ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Weight	N/A
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, Method 107, Condition B
Corrosion	MIL-STD-202, Method 107, Condition B
Vibration	MIL-STD-202, Method 107, Condition B
Shock	MIL-STD-202, Method 107, Condition G
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

Suitable Cables

RSR-141, RSF-141, RSF-141-FEP, RSF-141-PVC, RG 402, BELDEN 1673A, BELDEN 1673J

Packing

Single or 100