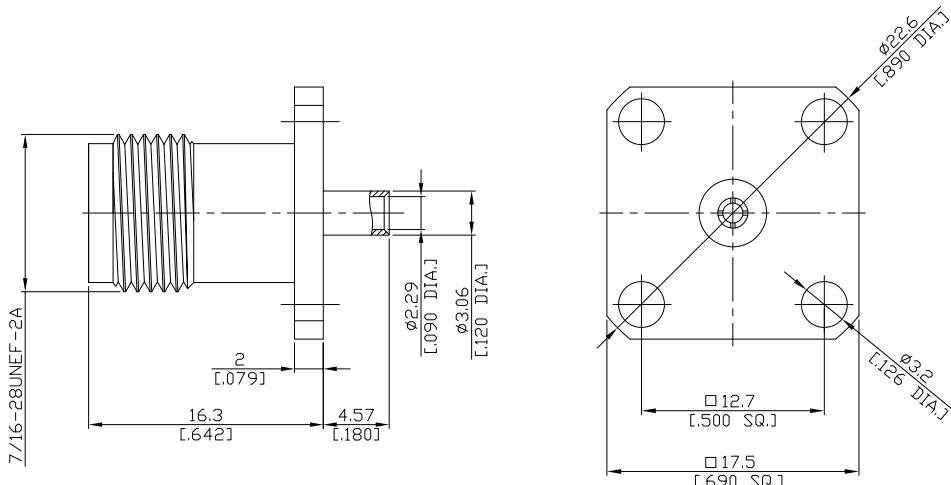



 Precision TNC Jack (Female) Cable Connector
 4 Hole Flange For RSR085, RSF085, RG-405

PCT2EBF50-0085A/9Q



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-26

Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

 DC to 15 GHz: ≤ 1.25 (≥ 19.08 dB)

Insertion Loss

 DC to 3 GHz: $\leq 0.06 \times \sqrt{F \text{ (GHz)}} \text{ dB}$

Working Voltage

500 Vrms (@ sea level)

RF Leakage

- (90 - f(GHz)) dB

Insulation Resistance

 $\geq 5000 \text{ M}\Omega$

Center Contact resistance

 $\leq 1.5 \text{ m}\Omega$

Outer Contact resistance

 $\leq 1 \text{ m}\Omega$

- Digressions are possible due to the used cable type and manufacturing process -

Mechanical Data

Coupling mechanisms

Screw-lock

Mating cycles

 ≥ 500

Center contact

Plug-in

Cable entry

Soldered

Environmental Data

Temperature range

-65°C to +165°C

RoHS

compliant

Thermal shock

MIL-STD-202, Method 107, Condition C

Moisture resistance

MIL-STD-202, Method 106

Corrosion

MIL-STD-202, Method 101, Condition B

Vibration

MIL-STD-202, Method 204, Condition B

Shock

MIL-STD-202, Method 213, Condition I



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Material And Plating

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Gold plating(Nickel underplated)
Insulator	PTFE	

Suitable Cables

RSR-085, RSF-085, RSF-0485-FEP, UT 85, RG 405/U, RTK- FS 085, RTK- Flex 405,
BELDEN 1671A

Packing

Single or 100

Related Document

Mounting Dimension MD41