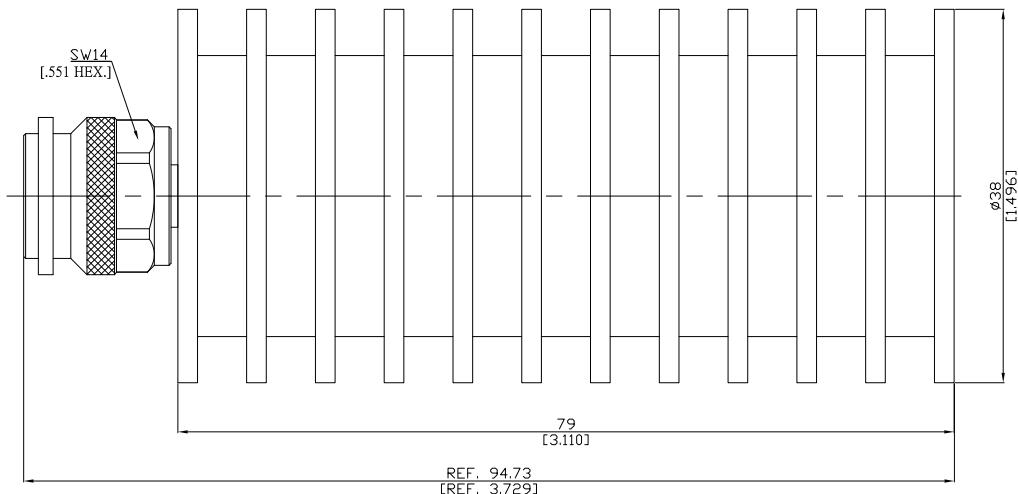


50 Watt RF Load Up to 18 GHz With Precision TNC Plug (Male) Input  
Round Body Black Anodized Aluminum Heatsink

## T-PCT15-18G50WA / 144



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 18 GHz

VSWR (Return Loss)

≤ 1.4 (≥ 15.6 dB)

Power rating (Watt)

50Watts Avrtage at 25 °C

**Material And Plating**

Piece Parts	Material	Plating
Centre contact	Brass	Gold plating, Nickel underplated
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Heatsinks	Aluminum	Black anodized
Coupling nut	Brass	Copper-Tin-Zinc Alloy

## 50 Watt RF Load Up to 18 GHz With Precision TNC Plug (Male) Input Round Body Black Anodized Aluminum Heatsink

### T-PCT15-18G50WA / 144

#### Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Center Contact Captivation: axial	≥ 27 N
Coupling Test Torque	max. 1.7 Nm
Recommended Torque	0.46 Nm to 0.69 Nm

#### Environmental Data

Temperature Range	-55C to +100°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, Method 106
RoHS	compliant

#### Packing

Single or 100