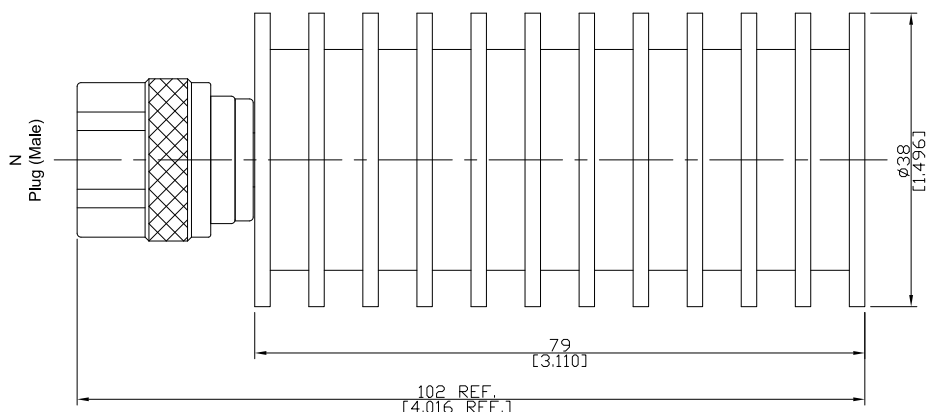


50 Watt RF Load Up to 18 GHz With Precision N Plug (Male) Input  
Round Body Black Anodized Aluminum Heatsink

**T-PCN15-18G50WA / 144**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to

IEC 61169-16; MIL-STD 348B/402; IEEE Std 287; MIL-PRF-39012

**Electrical Data**

Impedance

50  $\Omega$

Frequency

DC to 18 GHz

VSWR (Return Loss)

$\leq 1.4$  ( $\geq 15.56$  dB)

Power rating (Watt)

50Watts Avrtage at 25 °C

**Material And Plating**

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

**Mechanical Data**

Coupling mechanisms

Screw-lock

Mating Cycles

$\geq 500$

Coupling Nut Retention

$\geq 450$  N

Center Contact Captivation: axial

$\geq 28$  N

Coupling Test Torque

max. 1.7 Nm

Recommended Torque

0.7 Nm to 1.1 Nm

**Environmental Data**

Temperature Range

-55°C to +125°C

RoHS

compliant

**Packing**

Single or 100