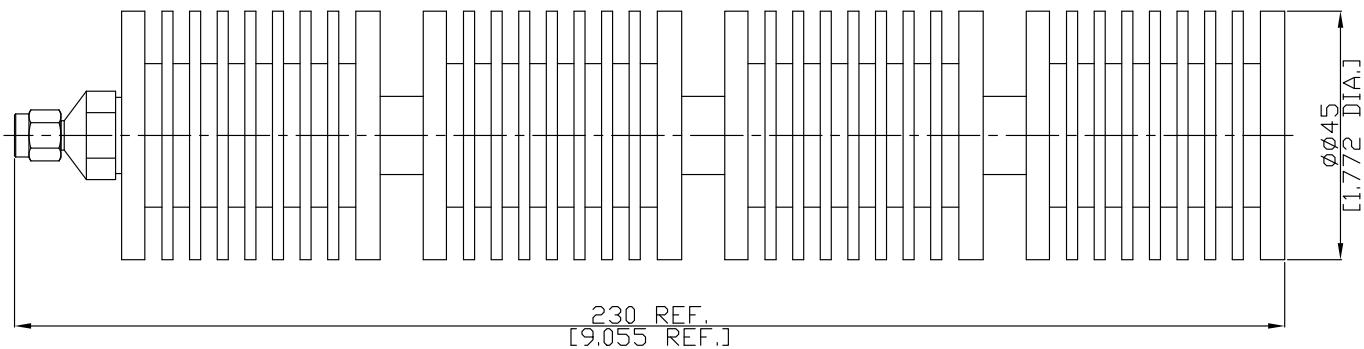


100 Watt RF Load Up to 18 GHz With SMA Plug (Male) Input
Black Anodized Aluminum Heatsink

T-A15-18G100WA / H33



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to IEC 60169-15;CECC 22110; MIL-PRF-39012 SMA; MIL-STD-348/310

Electrical Data

Impedance 50 Ω

Frequency DC to 18 GHz

VSWR (Return Loss) ≤ 1.45 (≥ 14.72 dB)

RF Power Rating 100 Watts Average at 25°C

Power handling 200 W @ 2 GHz

Material And Plating

Piece Parts	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating, Nickel underplated
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Brass	Nickel
Heatsinks	Aluminum	Black anodized

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Coupling Nut Retention	N/A
Center contact captivation: axial	≥ 20 N
Coupling Test Torque	1.70 Nm max.
Recommended Torque	0.8 Nm to 1.1 Nm

Environmental Data

Temperature Range	-55°C to +100°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100