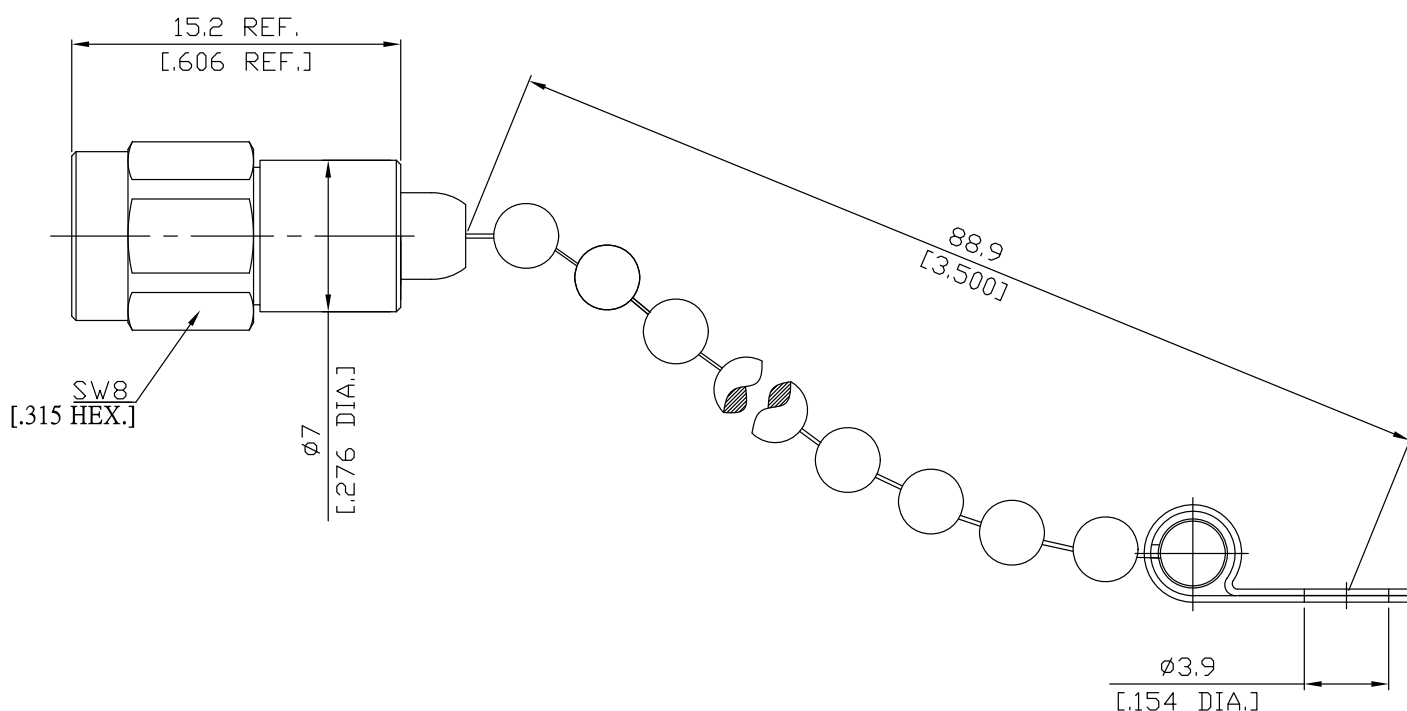




SMA Plug (Male) Termination With Chain
DC-18 GHz; 1Watt; VSWR1.2

T-A15-18G1WB-88.9 / 9XX



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)

≤ 1.2 (≥ 20.83 dB)

Average power (at 25°C)

1W

derated linearly to 0.2 watt @ 100°C.

500 watts peak (5 μ sec pulse width; 0.2% duty cycle)

Material And Plating

Piece Parts	Material	Plating
Centre Contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Stainless Steel	Passivated
Chain	Stainless Steel	Passivated

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Coupling Nut Retention	≥ 270 N
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 +125°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