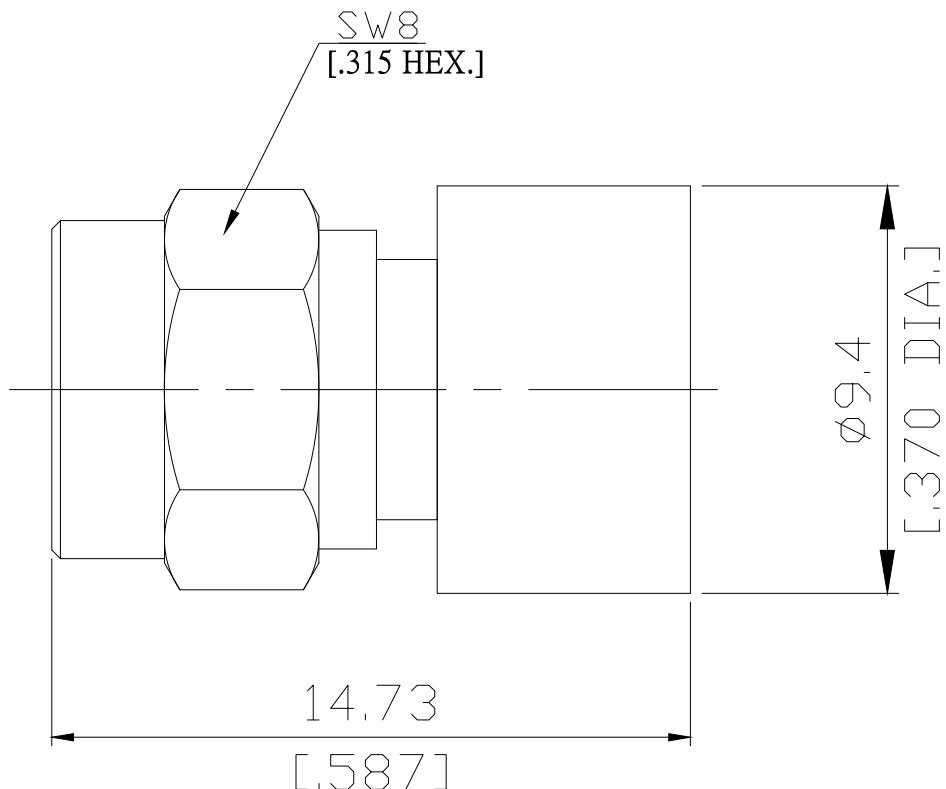


## SMA Plug (Male) Termination DC-20 GHz; 1Watt; VSWR1.2

## T-A15-20G1WA / 911



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to

IEC 60169-15, MIL-STD-348B/310

**Electrical Data**

Impedance

50 Ω

Frequency

DC to 20 GHz

VSWR (Return Loss)

≤ 1.2 (≥ 20.83 dB)

Average power (at 25°C)

1 W

**Material And Plating**

Piece Parts (BNC)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)

**SMA Plug (Male) Termination DC-20 GHz; 1Watt; VSWR1.2**

**T-A15-20G1WA / 911**

**Mechanical Data**

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Coupling Nut Retention	N/A
Center Contact Captivation	≥ 20 N
Coupling Test Torque	1.70 Nm max.
Recommended Torque	0.9 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