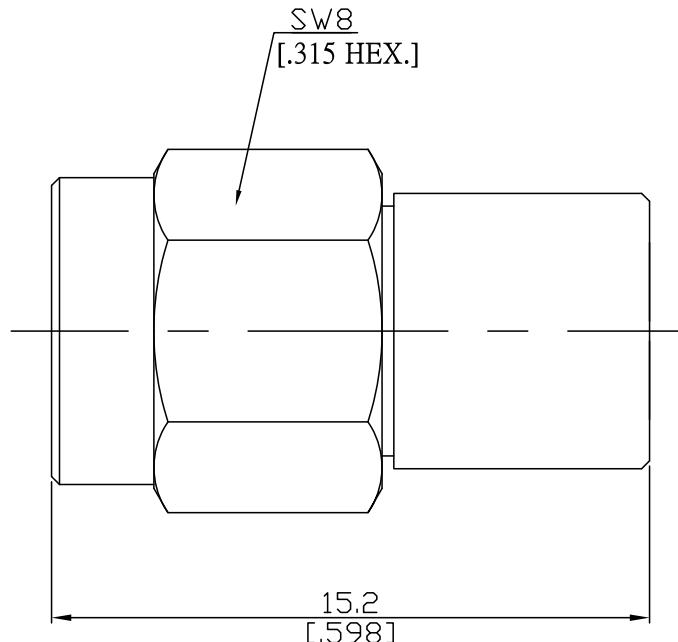


SMA Plug (Male) Termination DC-12.4 GHz; 1Watt; VSWR1.2

**T-A15-12.4G1WA / 111**



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 12.4 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    | Brass           | Gold plating, 3 µinch<br>(Non-magnetic nickel-phosphorus underplating, 80 µinch) |
| Body              | Brass           | Gold plating, 3 µinch<br>(Non-magnetic nickel-phosphorus underplating, 80 µinch) |
| Insulator         | PTFE            |  |
| Gasket            | Silicone Rubber |  |
| Coupling Nut      | Brass           | Gold plating, 3 µinch<br>(Non-magnetic nickel-phosphorus underplating, 80 µinch) |

## SMA Plug (Male) Termination DC-12.4 GHz; 1Watt; VSWR1.2

## T-A15-12.4G1WA / 111

## 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