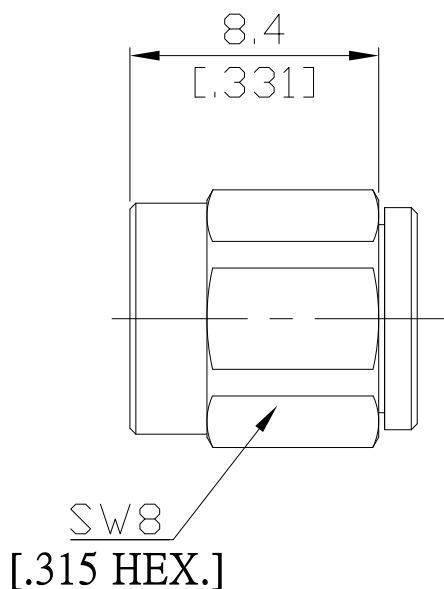


SMA Plug (Male) Open

SMA1AO50-1270A / 933



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

Reflection

100% Nominal

Material And Plating

Piece Parts	Material	Plating
Centre Contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 100 µinch)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Brass	Nickel

SMA Plug (Male) Open

SMA1AO50-1270A / 933

Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Coupling Test Torque	1.70 Nm max.
Recommended Torque	0.8 Nm to 1.1 Nm

Environmental Data

Temperature Range	-65°C to +165°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