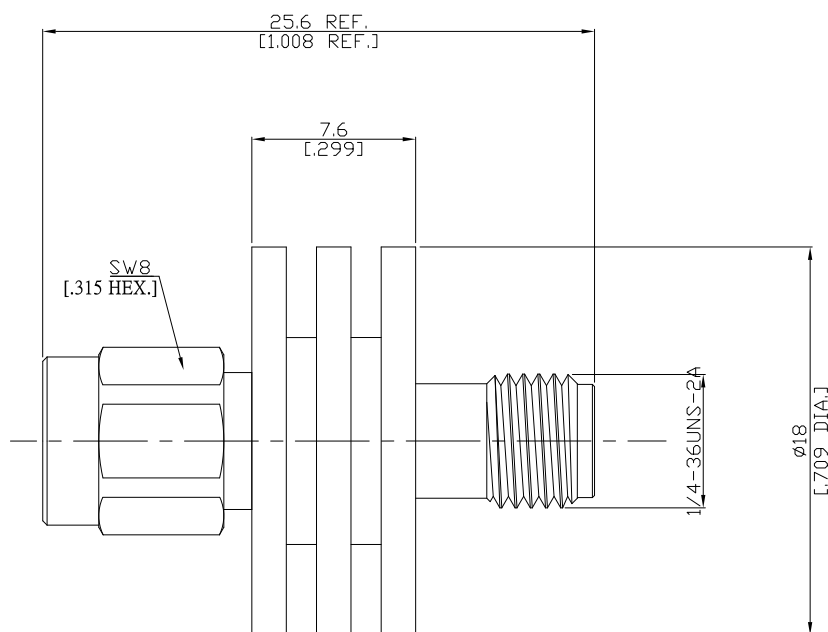


Fixed Attenuator SMA pulg (male) / SMA jack (female)
DC-6 GHz, 5 Watt, VSWR ≤ 1.25

FA-A1A25A-6G5W10 / 933-93



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 6GHz

VSWR (Return Loss)

≤ 1.25 (≥ 19.08 dB)

Power handling (Watt)

5Watts average to 25°C

Accuracy Of Attenuation & Power

Nominal Attenuation(dB)	10		
Deviation (± dB)	0.3		

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold Plated
Body	Brass	Nickel Plated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel Plated
Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold Plated
Body	Brass	Nickel Plated
Insulator	PTFE	

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating cycles	≥ 500
Center contact captivation: axial	≥ 27 N
radial	≥ 3 Ncm
Coupling test torque	≤ 1.7 Nm
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