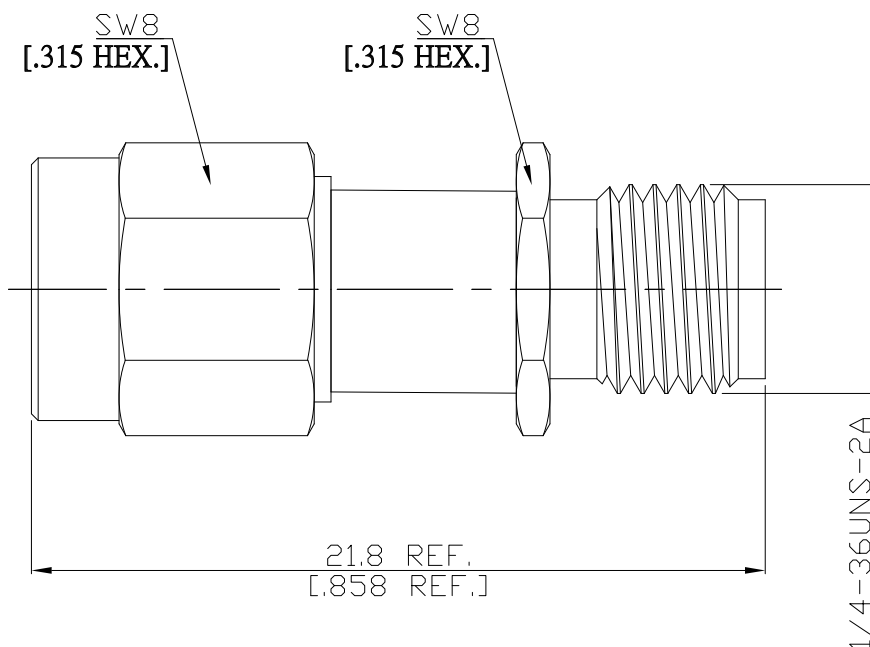


Fix Attenuator SMA pulg (male) / SMA jack (female)
1Watts Up to 18 GHz, VSWR ≤ 1.35

FA-A1A25B-18G1W3 / 9XX-9X



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)	≤ 1.35 (≥ 16.54 dB)
Test voltage	1000 V rms
Working voltage	480 V rms
Power Rating	1 W

Accuracy Of Attenuation & Power

Nominal Attenuation (dB)	3			
Deviation (± dB)	0.3			

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:
Date: JUL/16/2021

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Fix Attenuator SMA pulg (male) / SMA jack (female)
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Mechanical Data

Coupling mechanisms	Screw-lock
Mating cycles	$\geq$ 500
Center contact captivation: axial	$\geq$ 27 N
radial	$\geq$ 3 Ncm
Coupling test torque	$\leq$ 1.7 Nm
Recommended torque	0.8 Nm to 1.1 Nm

Environmental Data

Temperature Range	-65°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