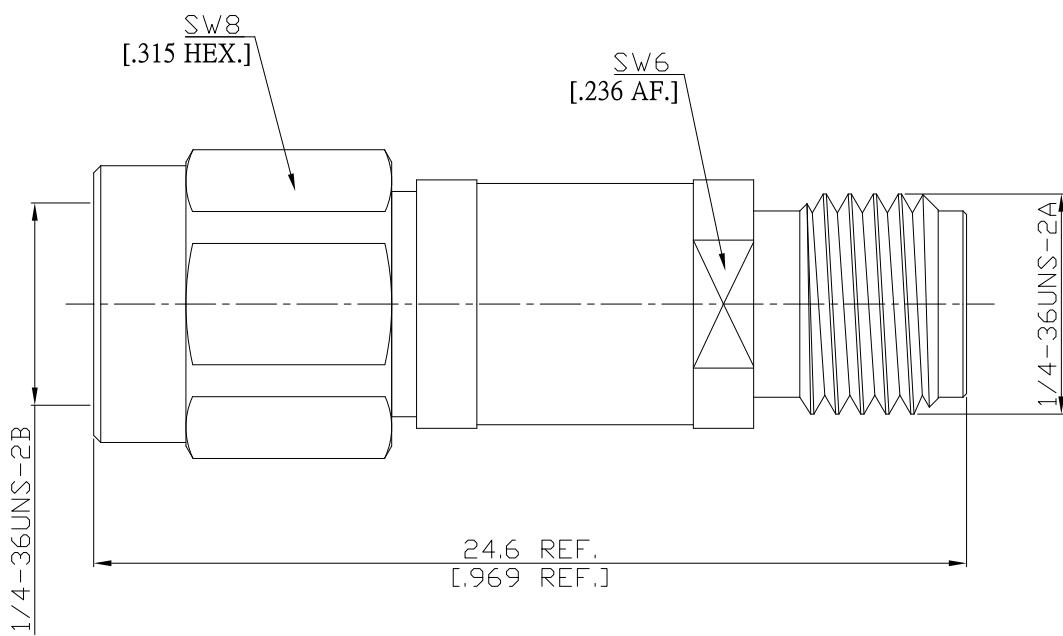


Fixed Attenuator SMA plug (male) / SMA jack (female)  
DC-6 GHz, 2 Watt, VSWR  $\leq$  1.3

## FA-A1A25A-6G2W30 / 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  $\Omega$

Frequency

DC to 6GHz

VSWR (Return Loss)

$\leq$  1.3 ( $\geq$  17.69 dB)

Power handling (Watt)

2Watts average to 25°C

### Accuracy Of Attenuation & Power

Nominal Attenuation (dB)	30
Deviation ( $\pm$ dB)	0.5

### Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
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 (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PTFE	

Fixed Attenuator SMA plug (male) / SMA jack (female)  
DC-6 GHz, 2 Watt, VSWR ≤ 1.3

# FA-A1A25A-6G2W30 / 9XX-9X

## 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	-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