

### Technical Data Sheet

## Fixed Attenuator plug/jack SMA plug (male) / SMA jack (female)

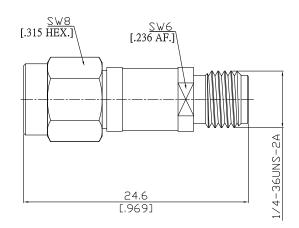
# FA-A1A25A-6G2W7/911-91

5 to 6 GHz

≤ 1.3

 $\pm 0.5 dB$ 

 $\pm$  0.3 dB



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

#### Interface

According to MIL-C-39012;MIL-STD-348A/310

#### Electrical Data

Impedance  $50 \Omega$  Interface frequency max. DC to

Interface frequency max. DC to 6 GHz

Frequency range DC to 2 GHz 2 to 5 GHz

VSWR  $\leq$  1.1  $\leq$  1.25

Attenuation Tolerance (dB) ± 0.2 dB
Attenuation (dB) 7 dB
Power rating (Watt) 2 W

#### Mechanical Data

Coupling mechanisms Screw-lock
Weight 0.0053 kg

#### Environmental Data

Temperature range -55°C to +85°C RoHS compliant

#### Material And Plating

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Gold plating(Nickel underplated)
Resistor	Thick film	

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Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	

#### Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our	Rev.:-	Rosnol RF/Microwave Technology	Page
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In the effort to improve our products, we reserve the right to make changes	Date:	Phone:+886-3-463-5095	1 /1
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