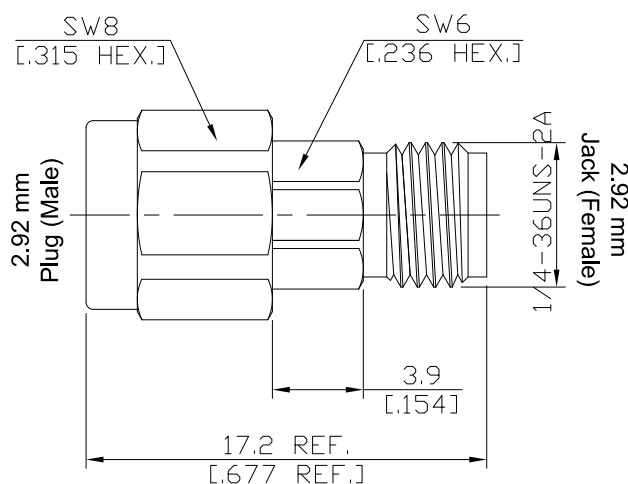


5 dB Fixed Attenuator, 2.92mm Plug (Male) to 2.92mm Jack (Female) Rated to 2 Watts
Up to 40 GHz VSWR 1.3

FA-K1K25A-40G2W5 / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-35; IEEE Std 287

Electrical Data

Impedance

50 Ω

Frequency

DC to 40 GHz

VSWR (Return Loss)

≤ 1.3 (≥ 17.69 dB)

RF Power Rating

2 Watts Avrtage at 25 °C

PEAK

125 Watts (5 μ Sec Pulse Width , 1% Duty Cycle)

Accuracy Of Attenuation & Power

Nominal Attenuation (dB)

5

Deviation ($\pm$ dB)

± 0.6

Material And Plating

Piece Parts (2.92mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Gasket	Silicone Rubber	
Insulator	PTFE , Virgin Electrical Grade	
Coupling nut	Stainless Steel	Passivated
Piece Parts (2.92mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Insulator	PTFE , Virgin Electrical Grade	

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Center Contact Captivation: axial	≥ 20 N
radial	≥ 0.01 Nm
Coupling Test Torque	1.70 Nm max.
Recommended Torque	0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range	-55°C to + 125°C
RoHS	compliant

Packing

Single or 100