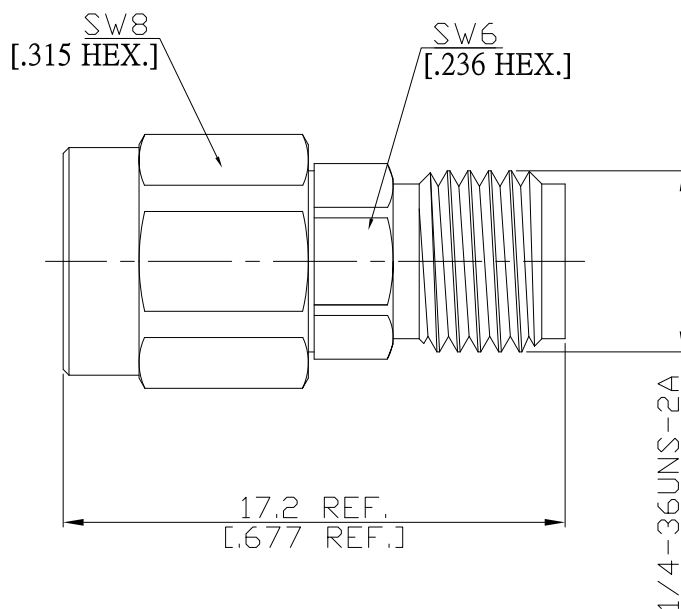


2.92mm plug (male) / 2.92mm jack (female)
Fixed Attenuator 1W DC-40 GHz VSWR 1.3

FA-K1K25A-40G1W10 / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-35; IEEE Std 287; MIL-STD-348A/323

Electrical Data

Impedance

50 Ω

Frequency

DC to 40 GHz

VSWR (Return Loss)

$\leq 1.3 (\geq 17.69 \text{ dB})$

Power Rating

1 Watts Avrtage at 25 °C

PEAK

125 Watts

Accuracy Of Attenuation & Power

Nominal Attenuation (dB)	10
Deviation ($\pm$ dB)	± 0.5

Material And Plating

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

2.92mm plug (male) / 2.92mm jack (female)
Fixed Attenuator 1W DC-40 GHz VSWR 1.3

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Mechanical Data

Coupling mechanisms	Screw Lock
Mating Cycles	≥ 500
Center contact captivation:axial	≥ 20 N
Coupling Test Torque	1.7 Nm
Recommended Torque	0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range	-55°C to +125°C
Thermal Shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Meth. 204, Cond. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100