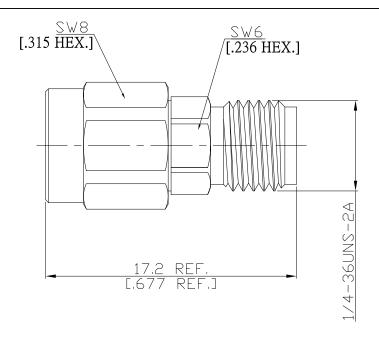


Technical Data Sheet

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

Electrical Data

Impedance

Frequency

VSWR (Return Loss)

Power Rating

PEAK

Insulator

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

50 Ω

DC to 40 GHz

≤ 1.3(≥ 17.69 dB)

1 Watts Avrtage at 25 °C

125 Watts

PTFE

Accuracy Of Attenuation & Power

Nominal Attenuation (dB)	10
Deviation (± 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

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.

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Mechanical Data

Coupling mechanisms Screw Lock Mating Cycles Center contact captivation:axial Coupling Test Torque Recommended Torque

Environmental Data

Temperature Range Thermal Shock Corrosion Vibration Shock Moisture Resistance RoHS Packing

≥ 500 ≥ 20 N 1.7 Nm

0.80 Nm to 1.10 Nm

-55°C to +125°C

MIL-STD-202, Meth. 107, Cond. B MIL-STD-202, Method 101, Condition B MIL-STD-202, Meth. 204, Cond. D MIL-STD-202, Meth. 213, Cond. I MIL-STD-202, Meth. 106

compliant

Single or 100

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