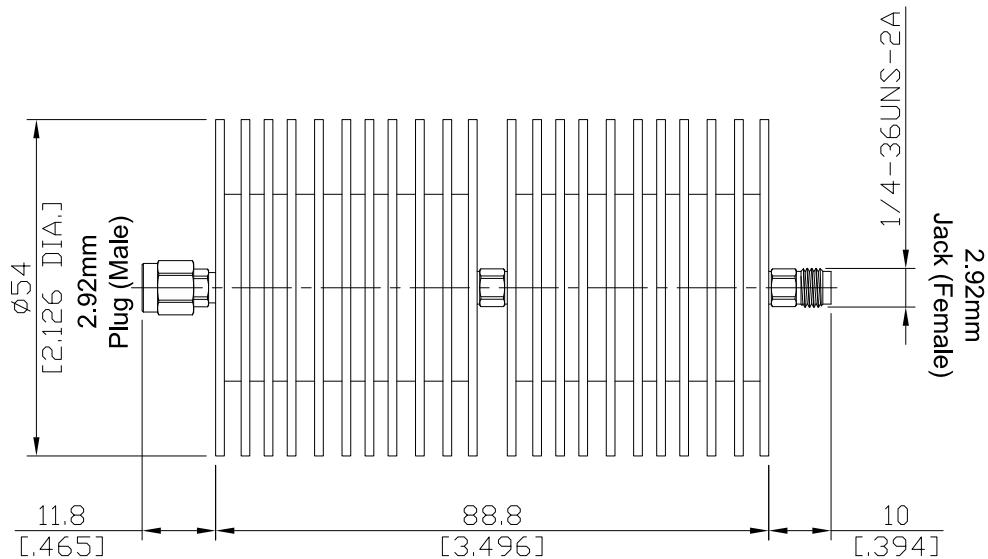


40 dB Fixed Attenuator, 2.92mm Plug (Male) to 2.92mm Jack (Female) Rated to 50 Watts
 Up to 40 GHz VSWR 1.35

FA-K1K25A-40G50W40 / 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)	≤ 1.35 (≥ 16.54 dB)
RF Power Rating	50 Watts Average at 25 °C
PEAK	200 Watts (5 μSec Pulse Width, 10% Duty Cycle)

Accuracy Of Attenuation & Power

Nominal Attenuation (dB)	40
Deviation (± dB)	-2.0/+3.0

Material And Plating

Piece Parts (2.92mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Gasket	Silicone Rubber	
Insulator	PEI	
Coupling nut	Stainless Steel	Passivated
Heatsink	Aluminum	Black anodized
Piece Parts (2.92mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Insulator	PEI	

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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