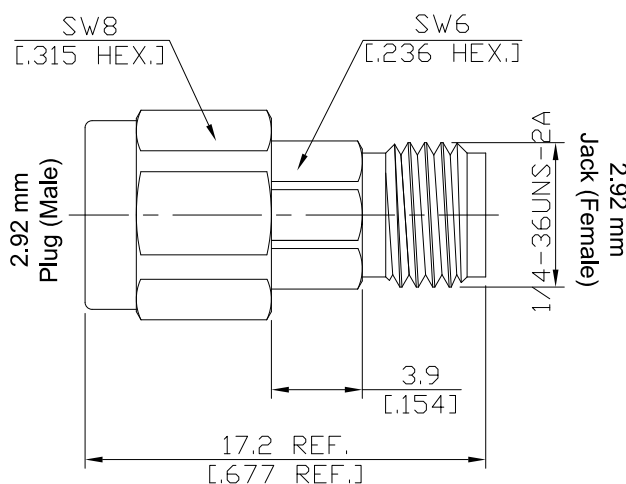


2 dB Fixed Attenuator, 2.92mm Plug (Male) to 2.92mm Jack (Female) Rated to 2 Watts  
Up to 40 GHz VSWR 1.3

## FA-K1K25A-40G2W2 / 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  $\Omega$

Frequency

DC to 40 GHz

VSWR (Return Loss)

$\leq 1.3$  ( $\geq 17.69$  dB)

RF Power Rating

2 Watts Avrtage at 25 °C

PEAK

125 Watts (5  $\mu$ Sec Pulse Width , 1% Duty Cycle)

### Accuracy Of Attenuation & Power

Nominal Attenuation (dB)

2

Deviation ( $\pm$  dB)

$\pm 0.6$

### 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	

2 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-40G2W2 / 9XX-9X

### 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