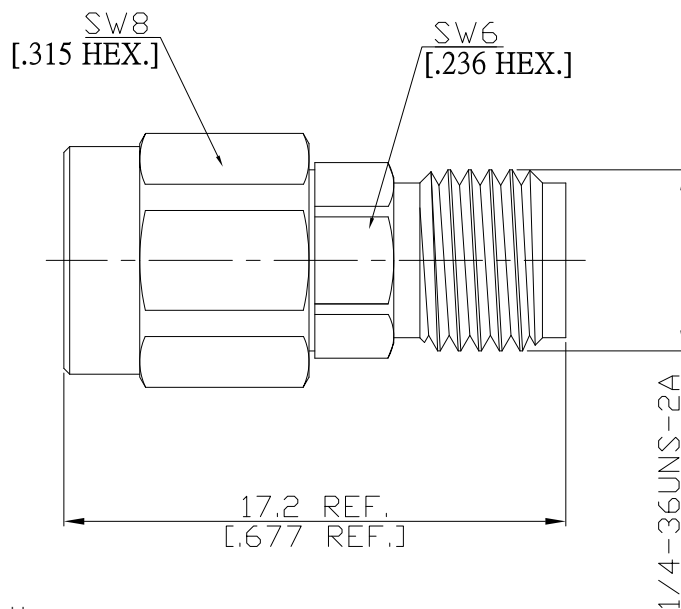


2.92mm plug (male) / 2.92mm jack (female)  
Fixed Attenuator 1W DC-40 GHz VSWR 1.30

## FA-K1K25A-40G1W3 / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

According to

IEC 61169-35, IEEE Std 287-2007

### Electrical Data

Impedance

50  $\Omega$

Frequency

DC to 40 GHz

VSWR (Return Loss)

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

Attenuation tolerance (dB)

1-7: -0.6/+0.6dB

7-10: -0.5/+0.5dB

20: -0.6/+0.6dB

30: -0.8/+0.8dB

RF Power Rating

1 Watts Avrtage at 25 °C

### Environmental Data

Temperature Range

-55°C to +125°C

RoHS

compliant

### Material And Plating

| Piece Parts (2.92mm) | Material         | Plating                                                                                    |
|----------------------|------------------|--------------------------------------------------------------------------------------------|
| Centre contact       | Beryllium Copper | Gold plating, 3 $\mu$ inch<br>(Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch) |
| Body                 | Stainless Steel  | Passivated                                                                                 |
| Gasket               | Silicone Rubber  |                                                                                            |
| Coupling nut         | Stainless Steel  | Passivated                                                                                 |
| Piece Parts (2.92mm) | Material         | Plating                                                                                    |
| Centre contact       | Beryllium Copper | Gold plating, 3 $\mu$ inch<br>(Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch) |
| Body                 | Stainless Steel  | Passivated                                                                                 |

### Packing

Single or 100