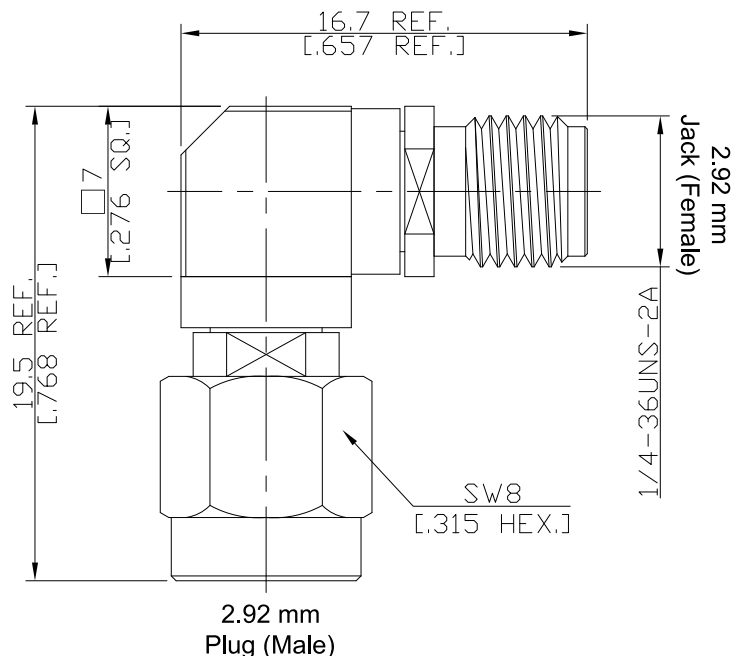


2.92mm Plug (Male) / 2.92mm Jack(Female) L-adaptor
DC-40GHz VSWR1.25

ASL-K1K25A / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to IEC 61169-35; IEEE Std 287
Mechanically compatible with 3.5mm, SMA

Electrical Data

Impedance 50 Ω
Frequency DC to 40 GHz
VSWR (Return Loss) ≤ 1.25 (≥ 19.08 dB)
Insertion Loss ≤ 0.05 x √F (GHz) dB
Insulation resistance ≥ 5 GΩ
Center contact resistance ≤ 3 m MΩ
Outer contact resistance ≤ 2 m MΩ
Test voltage 750 V rms
Working voltage 250 V rms
RF-leakage ≥ 100 dB up to 1 GHz
Power Handling 20W

Material And Plating

Piece Parts (2.92mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Insulator	PEI	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
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	min. 500
Center contact captivation	≥ 20 N
Coupling test torque	max. 1.7 Nm
Recommended torque	0.80 Nm to 1.1 Nm

Environmental Data

Temperature Range	-55°C to + 165°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. 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