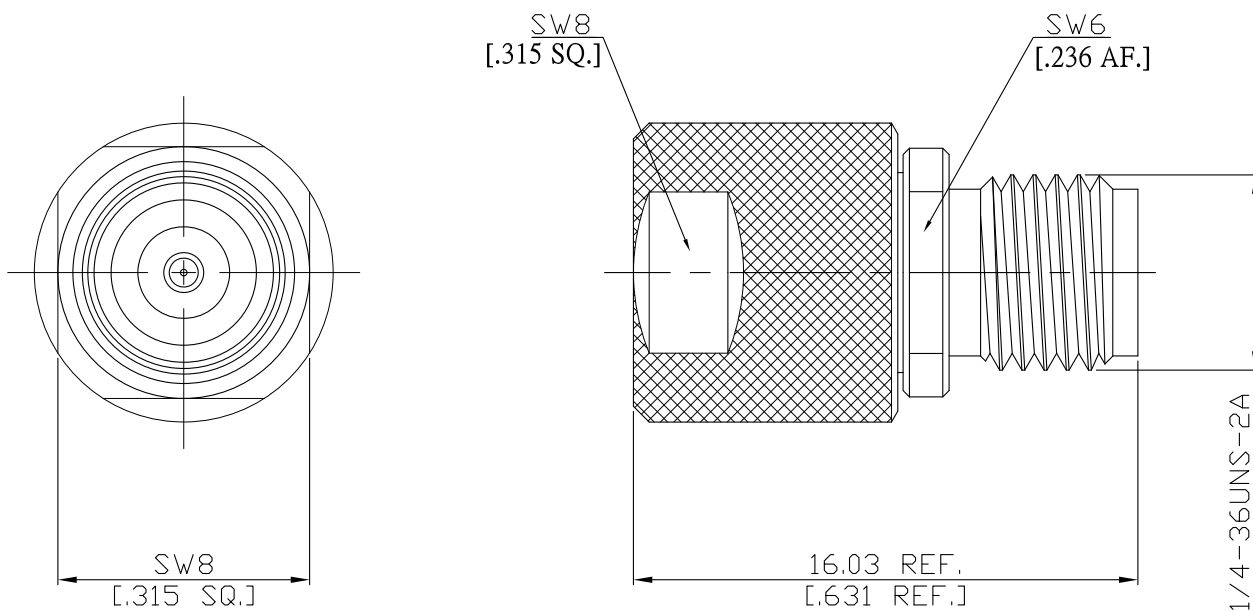


2.92mm Snap-On plug (male) / 2.92mm jack (female)
Adaptors Straight DC-40 GHz VSWR1.15

AD-KQ1K25B / 99X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

according to

IEC 61169-35

Electrical Data

Impedance	50 Ω
Frequency	DC to 40 GHz
VSWR (Return Loss)	≤ 1.15 (≥ 23.13 dB)
Insertion Loss	≤ 0.05 × √F (GHz) dB
Insulation resistance	≥ 5 GΩ
Test voltage	750 V rms
Working voltage	250 V rms
RF-leakage	≥ 100 dB up to 1 GHz

Material And Plating

Piece Parts (2.92mm Snap-On)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Insulator	PEI	
Coupling nut	Stainless Steel	Passivated
Piece Parts (2.92mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PEI	

2.92mm Snap-On plug (male) / 2.92mm jack (female)
Adaptors Straight DC-40 GHz VSWR1.15

AD-KQ1K25B / 99X-9X

Mechanical Data

	2.92mm Snap-On Side	2.92mm Side
Coupling mechanisms	Snap-lock	Screw-lock
Mating cycles	min. 500	min. 500
Center Contact Captivation	≥ 20 N	≥ 20 N
Coupling test torque	1.70 Nm	1.70 Nm
Recommended torque	0.80 Nm to 1.10 Nm	0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range	-55°C to +165°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 204, Cond. D
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