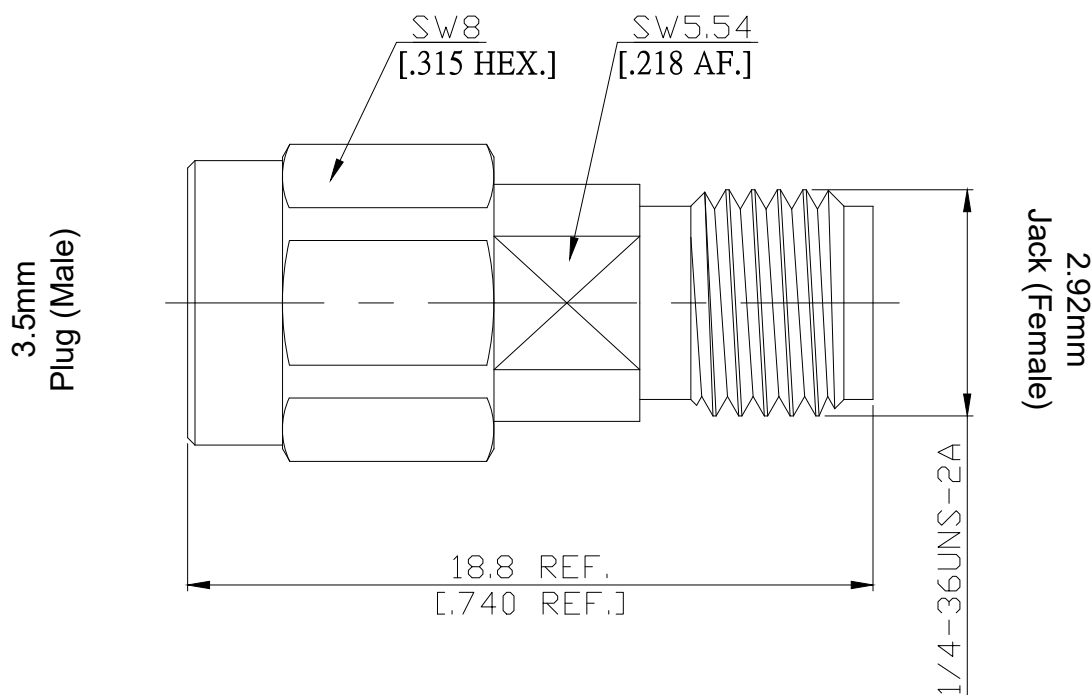


3.5mm plug (male) / 2.92mm jack (female)
Adapter Straight DC-34 GHz VSWR1.25

AD-PC1K25B / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

3.5mm according to

IEC 60169-23, IEEE Std 287-2007

2.92mm according to

IEC 60169-15; MIL-STD-348B/310, IEEE Std 287-2007

Electrical Data

Impedance

50 Ω

Frequency

DC to 34.5 GHz

VSWR (Return Loss)

≤ 1.25 (≥ 19.1 dB)

Insertion Loss

≤ 0.05 × √F (GHz) dB

Insulation resistance

≥ 5 GΩ

Test voltage

1000 V rms

RF-leakage

≥ 100 dB up to 1 GHz

Material And Plating

Piece Parts (3.5mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PS	
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	PS	

3.5mm plug (male) / 2.92mm jack (female)
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Mechanical Data

Coupling mechanisms	3.5mm side	2.92mm side
Mating Cycles	Screw-lock	Screw-lock
Center contact captivation	≥ 500	≥ 500
Coupling test torque	≥ 28 N	≥ 20 N
Recommended Torque	1.70 Nm	max. 1.70 Nm
	0.80 Nm to 1.10 Nm	0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range	-65°C to +125°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 204, 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