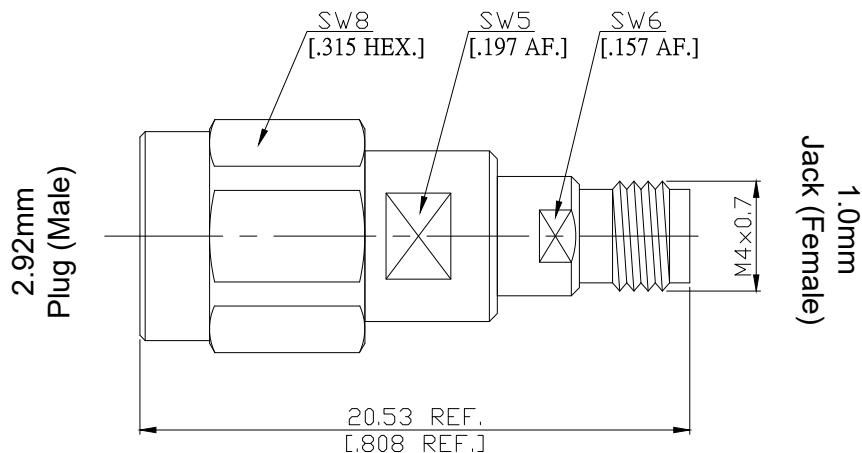


2.92mm Plug (male) to 1.0mm Jack(female) Straight Adapter DC-40 GHz, VSWR ≤ 1.2

AD-K1W25A / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface2.92mm according to
1.00mm according toIEC 61169-35, IEEE 287-2007
IEC 61169-31, IEEE 287-2007**Electrical Data**

Impedance	50 Ω
Frequency	DC to 40 GHz
VSWR (Return Loss)	≤ 1.2 (≥ 20.8dB)
Insertion Loss	≤ 0.05 x √F (GHz) dB
Insulation Resistance	≥ 5 GΩ
Voltage Rating	150 Volts

Material And Plating

Piece Parts (2.92mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless Steel	Passivated
Insulator	PEI	
Coupling nut	Stainless Steel	Passivated
Piece Parts (1.00mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless Steel	Passivated
Insulator	PEI	

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:-
Date:
JUL/16/2021

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2.92mm Plug (male) to 1.0mm Jack(female) Straight Adapter DC-40 GHz, VSWR ≤ 1.2

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Mechanical Data

Coupling mechanisms	2.92mm side	1.00mm side
Mating cycles	Screw-lock	Screw-lock
Maximum torque	≥ 500	≥ 500
Recommended torque	1.65 Nm	0.70 Nm
	0.90 Nm	0.35 Nm

Environmental Data

Temperature Range	-40°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.A
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100