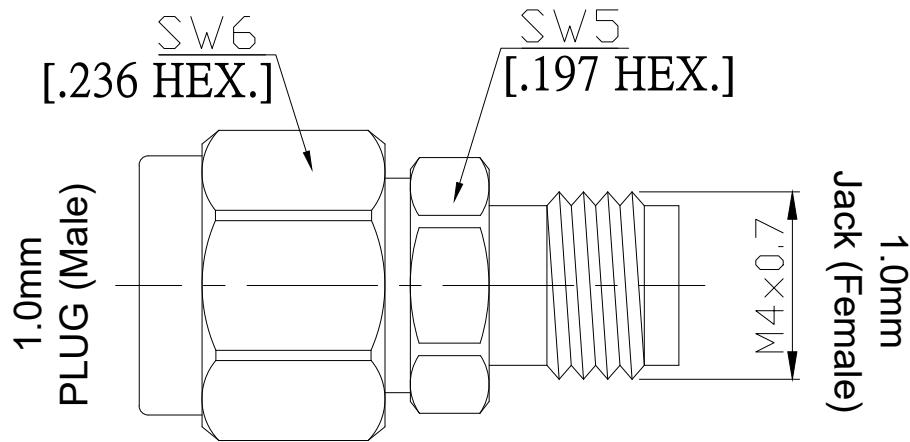


1.0mm plug (male) / 1.0mm jack (female) Adapter DC-110GHz

## AD-W1W25A / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

## Interface

According to

IEC 60169-31

## Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≥ 15 dB, 50 GHz to 75 GHz

≥ 12 dB, 75 GHz to 110 GHz

Insertion Loss

≤ 0.05 x √F (GHz) dB

Center Contact Resistance

≤ 4 mΩ

Outer Contact Resistance

≤ 2 mΩ

Insulation Resistance

≥ 5 GΩ

Working voltage

150 V rms

RF Leakage

≥ 90 dB up to 1 GHz

## Material And Plating

Piece Parts (1.0mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PEI	
Coupling nut	Stainless Steel	Passivated
Gasket	Silicone Rubber	
Piece Parts (1.0mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
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:  
DEC/13/2024

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N-CAGE Code: SFKK0 / ISO9001 Certified

Page

1/2

1.0mm plug (male) / 1.0mm jack (female) Adapter DC-110GHz

## AD-W1W25A / 9XX-9X

## Mechanical Data

Coupling mechanisms	1.0mm Side
Mating Cycles	Screw-lock
Maximum torque	≥ 500
Recommended Torque	0.70 Nm
	0.35 Nm

## Environmental Data

Temperature Range	-55°C to +125°C
RoHS	compliant

## Packing

Standard	Single or 100
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