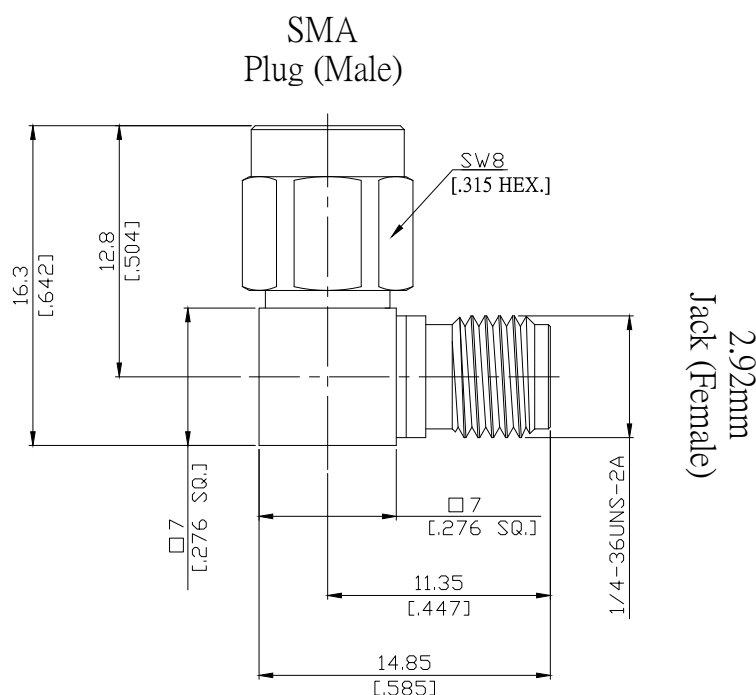


SMA Plug (Male) to 2.92mm Jack (Female)  
Right Angle Adapter DC-27 GHz, VSWR  $\leq 1.2$

# ADL-PCA1K25A / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

## Interface

according to

MIL-STD-348B/324; IEC 61169-35; IEEE Std 287-2007

## Electrical Data

Impedance	50 Ω
Frequency	DC to 27 GHz
VSWR (Return Loss)	≤ 1.20 (≥ 20.8 dB)
Insertion Loss	≤ 0.05 × √F (GHz) dB
Insulation resistance	≥ 5 GΩ
Test voltage	500 V rms
Working voltage	150 V rms
RF-leakage	≥ 100 dB up to 1 GHz

## Material And Plating

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

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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SMA Plug (Male) to 2.92mm Jack (Female)  
Right Angle Adapter DC-27 GHz, VSWR ≤ 1.2

**ADL-PCA1K25A / 9XX-9X**

**Mechanical Data**

Coupling mechanisms	Screw-lock
Mating cycles	≥ 500
Center contact captivation	≥ 20 N
Coupling test torque	1.65 Nm
Recommended torque	0.80 Nm to 1.10 Nm

**Environmental Data**

Temperature Range	-55°C to +165°C
Thermal shock	IEC 61169-1, Subclause 9.4.4
Corrosion	IEC 61169-1, Subclause 9.4.6
Vibration	IEC 61169-1, Subclause 9.3.3
Damp heat, steady state	IEC 61169-1, Subclause 9.3.14
Moisture resistance	IEC 61169-1, Subclause 9.4.3
RoHS	compliant

**Packing**

Singleor 100