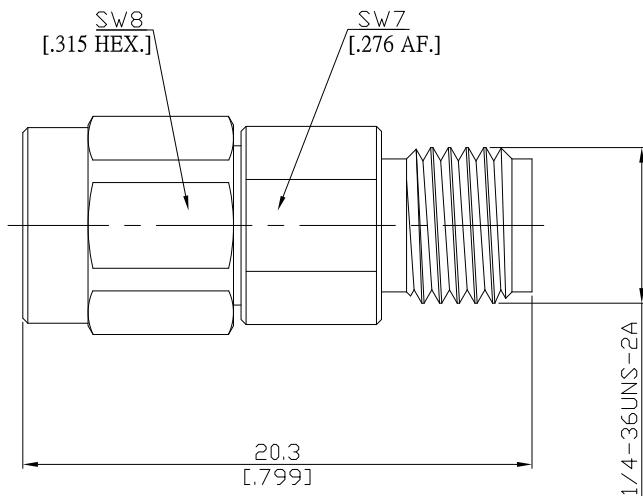


Precision SMA plug (male) / 3.5mm jack (female) Adapter
DC-27 GHz VSWR 1.15

AD-PCA1PC25A / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

Precision SMA according to
3.5mm according toIEC 60169-15; MIL-STD-348B/310
IEC 60169-23

Electrical Data

Impedance
Frequency
VSWR (Return Loss)
Insertion Loss50 Ω
DC to 27 GHz
≤ 1.15 (\geq 23.13 dB)
≤ 0.05 x \sqrt{F} (GHz) dB

Mechanical Data

Coupling mechanisms
Mating Cycles
Center contact captivation
Coupling test torque
Recommended TorquePrecision SMA side
Screw-lock
≥ 500
≥ 10 N
max. 1.7 Nm
0.8 Nm to 1.1 Nm3.5mm side
Screw-lock
≥ 500
≥ 27 N
1.70 Nm
0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range
RoHS-65°C to +100°C
compliant

Material And Plating

Piece Parts (Precision SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Coupling nut	Stainless Steel	Passivated
Piece Parts (3.5mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Stainless Steel	Passivated
Insulator	PS	
Gasket	Silicone Rubber	

Packing

Single or 100

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:
12/7/2020

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