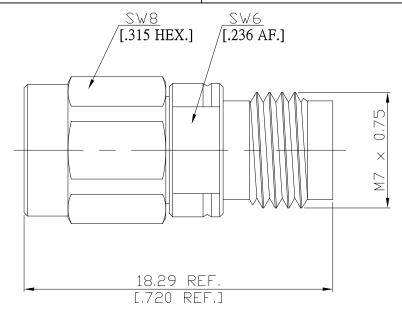


### Technical Data Sheet

# Adaptor plug/jack Precision SMA plug (male) / 2.4mm jack (female)

## AD-PCA1Q25A/9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

Precision SMA according to IEC 60169-15; MIL-C-39012; MIL-STD-348A/310 2.4mm according to IEC 61169-40

#### Electrical Data

Impedance  $50 \Omega$ 

Frequency DC to 27 GHz VSWR (Return Loss)  $\leq 1.12 (\geq 24.94 \text{ dB})$  Insertion Loss  $\leq 0.05 \times \sqrt{F \text{ (GHz)}} \text{ dB}$ 

#### Mechanical Data

Coupling mechanisms Screw-lock Weight N/A

#### Environmental Data

Temperature range -60°C to +100°C RoHS compliant

#### Material And Plating

Piece Parts (Precision SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Coupling nut	Stainless Steel	Passivated
Piece Parts (2.4mm)	Material	Plating
Piece Parts (2.4mm) Centre contact	Material Beryllium Copper	Plating Gold plating(Nickel underplated)
·		9
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)

#### Packing

Single or 100

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