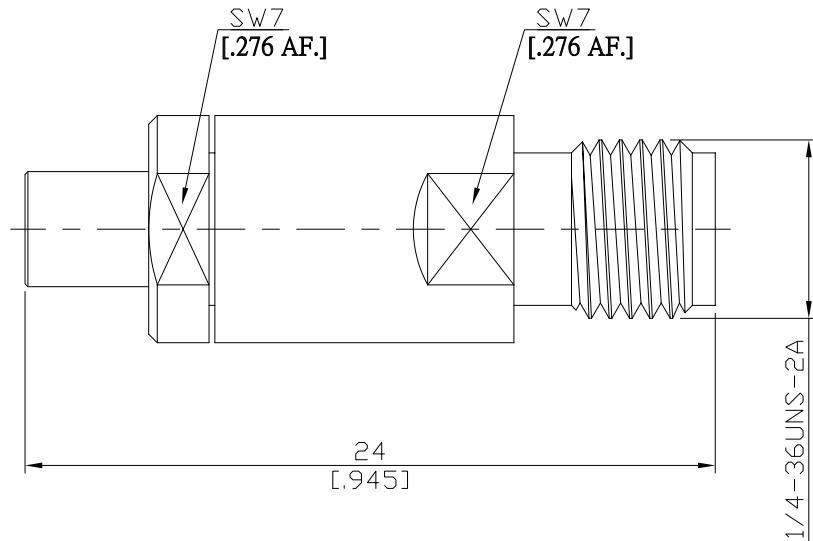



 Adaptor plug/jack
 SMPM plug (male - full detent) / SMA jack (female)

AD-PMFD1A25A/9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

 SMPM Side According to
 SMA side according to

 MIL-STD-348B/328-2
 IEC 60169-15; MIL-STD-348A/310

Electrical Data

 Impedance
 Frequency
 VSWR (Return Loss)
 Insertion Loss

 50 Ω
 DC to 18 GHz
 $\leq 1.35 (\geq 16.54 \text{ dB})$
 $\leq 0.05 \times \sqrt{F \text{ [GHz]}} \text{ dB}$
Mechanical Data

 Coupling mechanisms
 Weight

 SMPM (Snap-lock); SMA (Screw-lock)
 N/A

Environmental Data

 Temperature range
 RoHS

 -55°C to +165°C
 compliant

Material And Plating

Piece Parts (SMPM)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PEI	
Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	

Packing

Single or 100