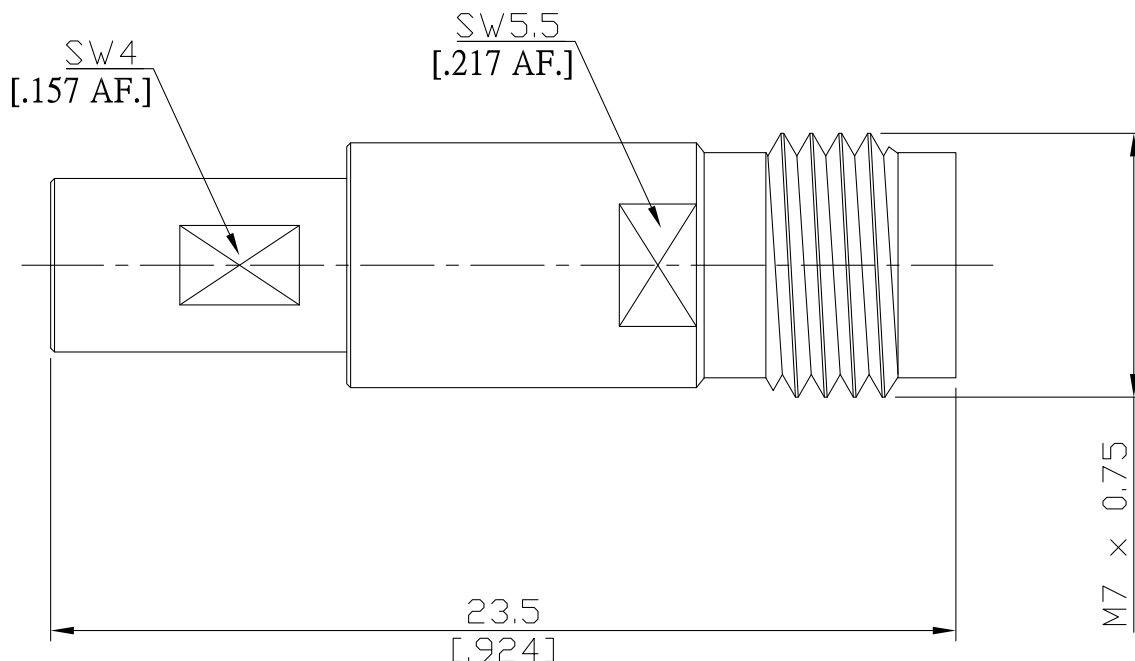


SMP plug (male) Full detent / 2.4mm jack (female)
Adapter DC-40 GHz VSWR 1.25

AD-PF1Q25A / 9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

SMP side according to

2.4mm side according to

MIL-STD-348B/326

IEC 61169-40; MIL-STD-348B/324

Electrical Data

Impedance

50 Ω

Frequency

DC to 40 GHz

VSWR (Return Loss)

≤ 1.25 (≥ 19.08 dB)

Insertion Loss

≤ 0.05 × √F (GHz) dB

Insulation resistance

≥ 5 GΩ

Material And Plating

Piece Parts (SMP)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Piece Parts (2.4mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	

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Mechanical Data

Coupling mechanisms	SMP (Full detent) Side	2.4mm Side
Mating Cycles	Snap-on	Screw-lock
Center contact captivation axial	≥ 100	min. 500
Coupling test torque	≥ 7 N	≥ 20 N
Recommended torque	N/A	1.65 Nm
Engagement force	N/A	0.80 Nm to 1.10 Nm
Disengagement force	68 N max.	N/A
	22 N min.	N/A

Environmental Data

Temperature Range	-65°C to +165°C
RoHS	compliant

Packing

Single or 100