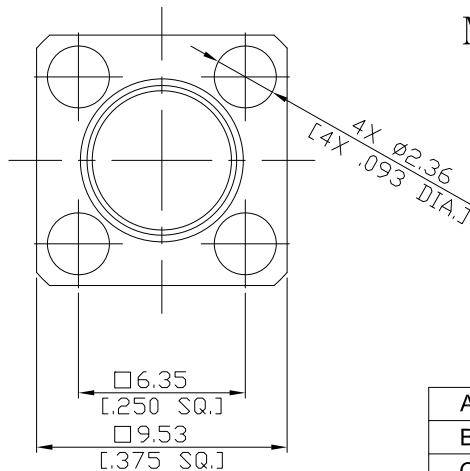
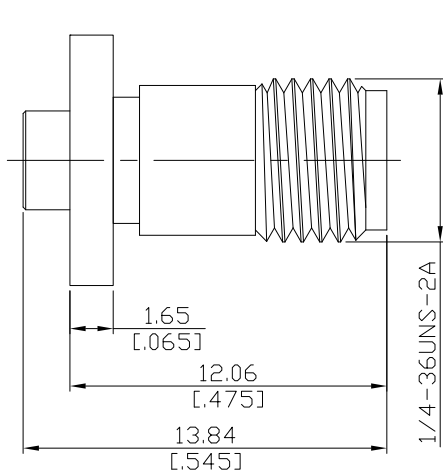
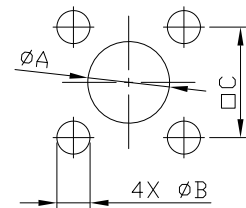


4 Hole Flange Mount SMPM Plug (Male) to 2.92mm Jack (Female)
6.35 (.250 inch) Hole Spacing DC-40 GHz VSWR 1.25

AD-PMF1K25A-PF / 9X-9X



Mounting Dimensions



	mm		inch	
	Max.	Min.	Max.	Min.
A	6.4	6.3	0.252	0.248
B	2.56	2.46	0.101	0.097
C	9.57	9.47	0.376	0.372

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

SMPM side according to
2.92mm side according to

MIL-STD-348B/328
IEC 61169-35

Electrical Data

Impedance	50 Ω
Frequency	DC to 40 GHz
VSWR (Return Loss)	≤ 1.25 (≥ 19.1 dB)
Insertion Loss	≤ 0.045 × √F (GHz) dB
Insulation resistance	≥ 2.5 GΩ
Voltage Rating	≤ 150 VRMS
Center contact resistance	≤ 6 mΩ
Outer contact resistance	≤ 4 mΩ

Material And Plating

Piece Parts (SMPM)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PEI	
Piece Parts (2.92mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PEI	

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.:
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Page

1/2

4 Hole Flange Mount SMPM Plug (Male) to 2.92mm Jack (Female)
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Mechanical Data

Coupling mechanisms	SMPM (Full detent) Side	2.92mm 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	1.70 Nm
Engagement force	N/A	0.80 Nm to 1.10 Nm
Disengagement force	19 N max.	N/A
	29 N min.	N/A

Environmental Data

Temperature Range	-55°C to +165°C
RoHS	compliant

Packing

Single or 100