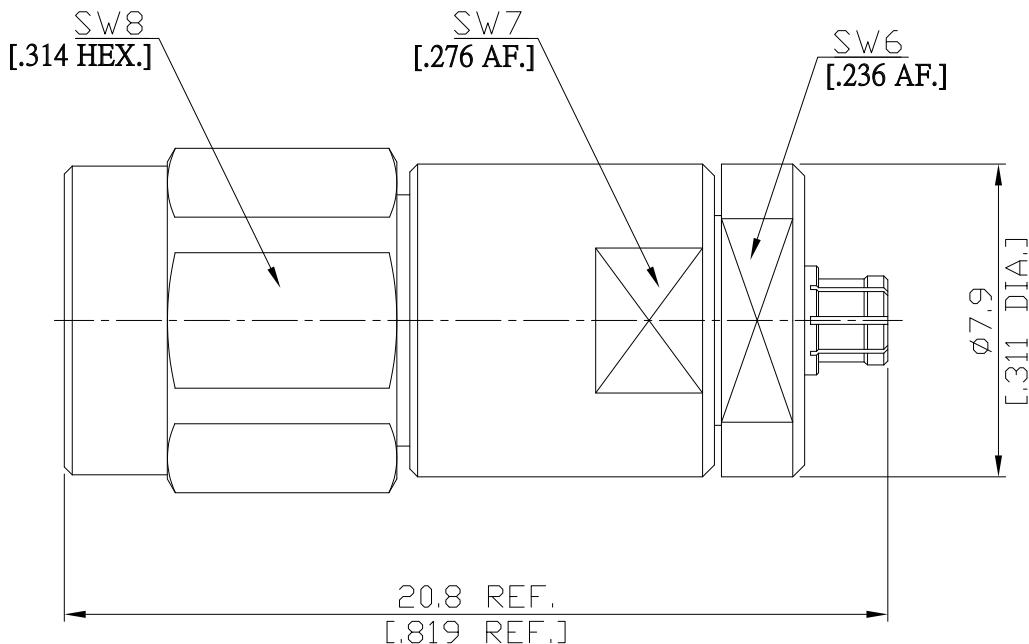


2.92mm Plug (Male) to SMPM jack (female) Adapter
 DC-40 GHz VSWR1.35

AD-K1PM25A / 9XX-99



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface2.92mm according to
SMPM according toIEC 61169-35
MIL-STD-348B/328**Electrical Data**

Impedance	50 Ω	
Frequency	DC to 40 GHz	
VSWR (Return Loss)	≤ 1.35 (≥ 16.54 dB)	
Insertion Loss	≤ 0.05 x √F (GHz) dB	
Insulation Resistance	≥ 5 GΩ	
Center Contact Resistance	≤ 3.0 mΩ, SMA Side	≤ 6.0 mΩ, SMPM Side
Outer Contact Resistance	≤ 2.0 mΩ, SMA Side	≤ 2.0 mΩ, SMPM Side
Test Voltage (at sea level)	750 V rms	
Working Voltage (at sea level)	250 V rms	

Material And Plating

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	
Coupling nut	Stainless Steel	Passivated
Piece Parts (SMPM)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
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.:-

Date:
12/7/2020

Rosnol RF/Microwave Technology Co., Ltd.

www.rosnol.com; info@rosnol.com

Phone: +886-3-463-5095 / Fax: +886-3-463-5952

N-CAGE Code: SFKK0 / ISO9001 Certified

Page

1/2

2.92mm Plug (Male) to SMPM jack (female) Adapter
DC-40 GHz VSWR1.30

AD-K1PM25A / 9XX-99

Mechanical Data

Coupling mechanisms	2.92mm side	SMPM side
Mating Cycles	Screw-lock	Snap-lock
	≥ 500	Full detent: ≥ 100 Limited detent: ≥ 500 Smooth bore, Catchers mitt: ≥ 1000
Center contact captivation	≥ 20 N	Axial: ≥ 7 N
Coupling test torque	1.70 Nm	N/A
Recommended Torque	0.80 Nm to 1.10 Nm	N/A
Engagement force	N/A	Full detent: 19 N Smooth bore: 11 N
Disengagement force	N/A	Full detent: 29 N Smooth bore: 7 N

Environmental Data

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

Packing

Single or 100