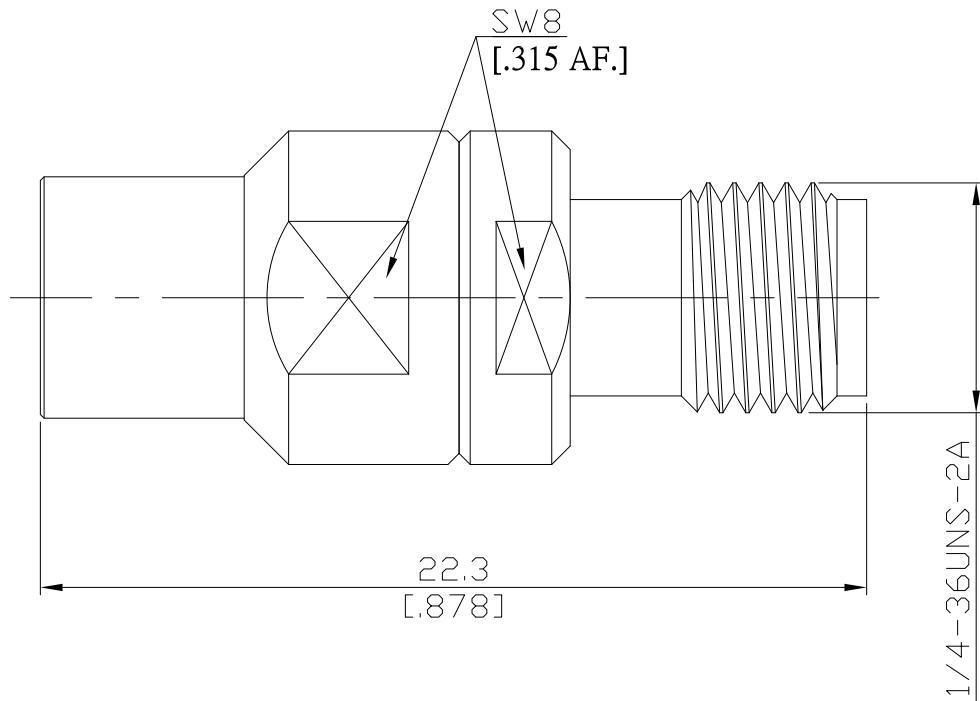


PSMP plug (male) / SMA jack (female)
Limited Detent Adapter DC-10 GHz VSWR1.11

AD-PSMP1A25A / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

PSMP Side
N/ASMA Side
IEC 60169-15; MIL-STD-348A/310

Electrical Data

Impedance

50 Ω

Frequency

DC to 10 GHz

VSWR (Return Loss)

≤ 1.11 (≥ 26 dB)

Insertion Loss

≤ 0.05 x √F (GHz) dB

Insulation Resistance

≥ 5 GΩ

Center Contact Resistance

N/A, PSMP Side

≤ 3.0 mΩ, SMA Side

Outer Contact Resistance

N/A, PSMP Side

≤ 2.0 mΩ, SMA Side

Test Voltage (at sea level)

1000 V rms

Working Voltage (at sea level)

480 V rms

Power Handling (at 20 °C, sea level)

≤ 200 Watts

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

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:
6/23/2019

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

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PSMP plug (male) / SMA jack (female)
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Mechanical Data

	PSMP Side	SMA Side
Coupling mechanisms	Snap-on	Screw-lock
Mating Cycles	≥ 100	≥ 500
Engagement force		N/A
- limited detent	45 Nm max.	
Disengagement force		N/A
- limited detent	10 Nm min.	
Center Contact Captivation: axial	≥ 27 N	≥ 27 N
Coupling Test Torque	N/A	1.7 Nm max.
Recommended Torque	N/A	0.9 Nm

Environmental Data

Temperature Range	-55°C to +155°C
Rapid change of temperature	IEC 60169-1, Sub-clause 16.4 (-55°C to +155°C)
Vibration	IEC 60068-2-64 random
Shock	IEC 60068-2-27 (half-sine)
High temperature endurance	IEC 60169-1, Sub-clause 18 (+155°C, 1000 hours) compliant
RoHS	

Packing

Single or 100