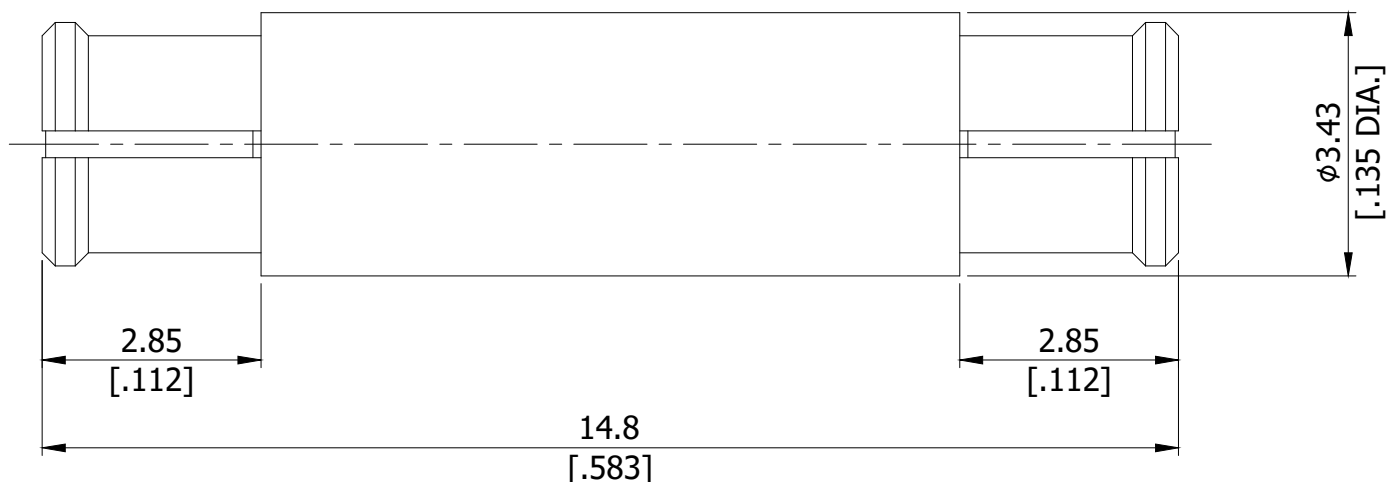


SMP jack (female) / SMP jack (female) Straight Adaptor
DC- 26.5 GHz, VSWR ≤ 1.43

AD-P2P25F / 99-99



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

according to

MIL-STD-348B/326

Electrical Data

Impedance	50 Ω
Frequency	DC to 26.5 GHz
VSWR (Return Loss)	≤ 1.43 (15 dB)
Insertion Loss	≤ 0.1 x √F (GHz) dB
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 6 mΩ
Outer contact resistance	≤ 2 mΩ
Test voltage	500 V rms
Working voltage	335 V rms

Material And Plating

Piece Parts (SMP)	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	PTFE	
Piece Parts (SMP)	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	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.:
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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

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Mechanical Data

Coupling mechanisms	Snap-lock		
Mating cycles	Full detent: ≥ 100	Limited detent: ≥ 500	Smooth bore, Catchers mitt: ≥ 1000
Center contact captivation: axial	≥ 7 N		
Engagement force	Full detent: ≤ 68 N	Limited detent: ≤ 45 N	Smooth bore, Catchers mitt: ≤ 9 N
Disengagement force	Full detent: ≥ 22 N	Limited detent: ≥ 9 N	Smooth bore, Catchers mitt: ≥ 2.2 N

Environmental Data

Temperature Range	-65°C to +155°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition A
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100