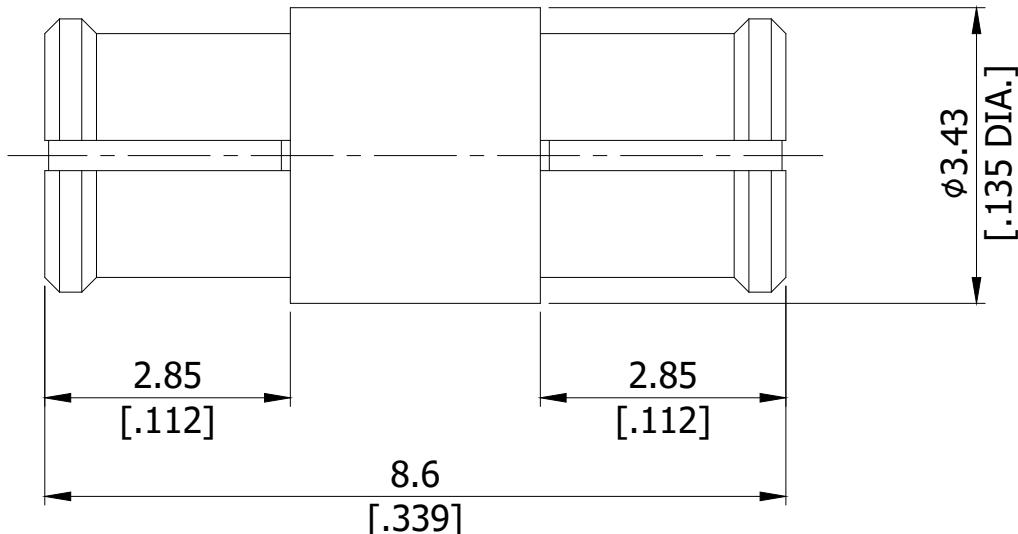


SMP jack (female) / SMP jack (female) Straight Adaptor
DC- 26.5 GHz, VSWR \leq 1.43

AD-P2P25E / 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)

 \leq 1.43 (15 dB)

Insertion Loss

 $\leq 0.1 \times \sqrt{f}$ (GHz) dB

Insulation resistance

 $\geq 5 \text{ G}\Omega$

Center contact resistance

 $\leq 6 \text{ m}\Omega$

Outer contact resistance

 $\leq 2 \text{ m}\Omega$

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 μ inch(Non-magnetic nickel-phosphorus underplating, 80 μ inch)

Body

Beryllium Copper

Gold plating, 3 μ inch(Non-magnetic nickel-phosphorus underplating, 80 μ inch)

Insulator

PTFE

Piece Parts (SMP)**Material****Plating**

Centre contact

Beryllium Copper

Gold plating, 3 μ inch(Non-magnetic nickel-phosphorus underplating, 80 μ inch)

Body

Beryllium Copper

Gold plating, 3 μ inch(Non-magnetic nickel-phosphorus underplating, 80 μ inch)

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:

JUL/16/2021

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N-CAGE Code: SFKK0 / ISO9001 Certified

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Mechanical Data

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