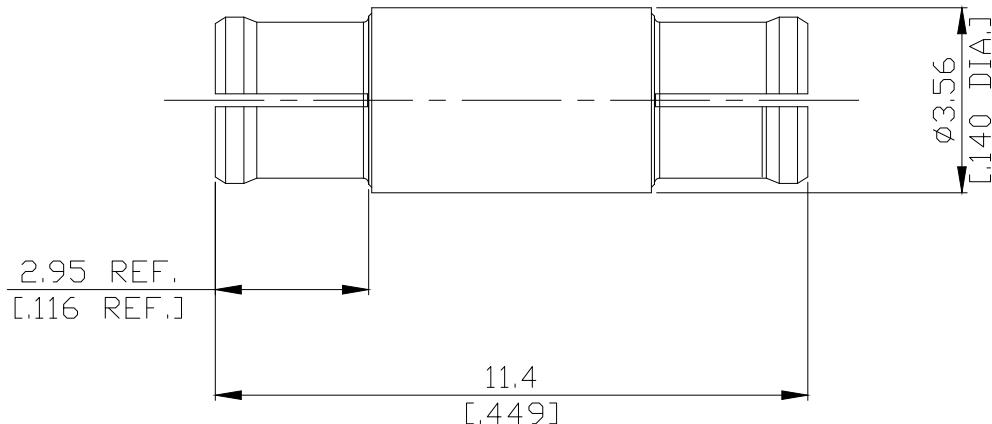


SMP jack (female) / SMP jack (female)
Straight Bullet Adaptor DC- 40 GHz, VSWR ≤ 1.50

AD-P2P25A-BL1140 / 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 40 GHz

VSWR (Return Loss)

≤1.5 (≥ 14 dB)

Insertion Loss

≤ 0.06 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

Power handling

65 W @ 2.2 GHz

RF-leakage

≥ 85 dB @ DC to 4 GHz

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

**SMP jack (female) / SMP jack (female)
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Mechanical Data

Coupling mechanisms	Snap-lock		
Mating cycles	Smooth bore, Catchers mitt: \geq 1000	Limited detent: \geq 500	Full detent: \geq 100
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