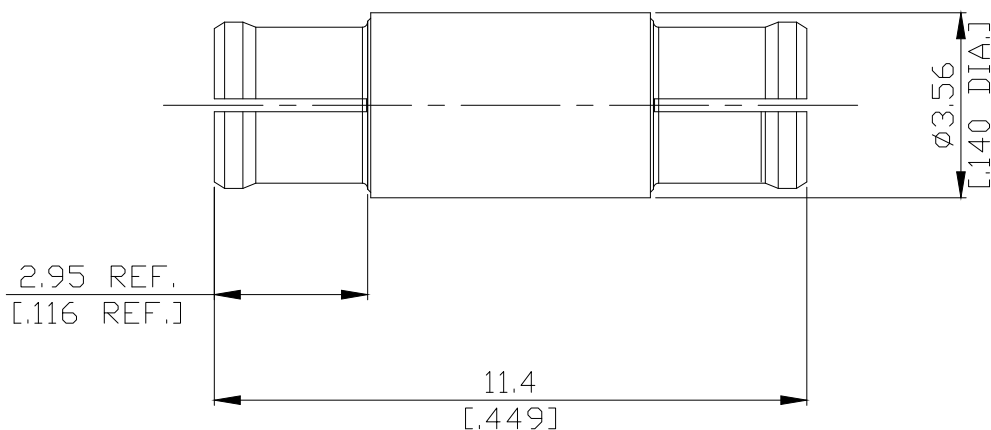


SMP jack (female) / SMP jack (female)  
Straight Bullet Adaptor DC- 40 GHz, VSWR ≤ 1.50

**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 × √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	
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**AD-P2P25A-BL1140 / 99-99**

**Mechanical Data**

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