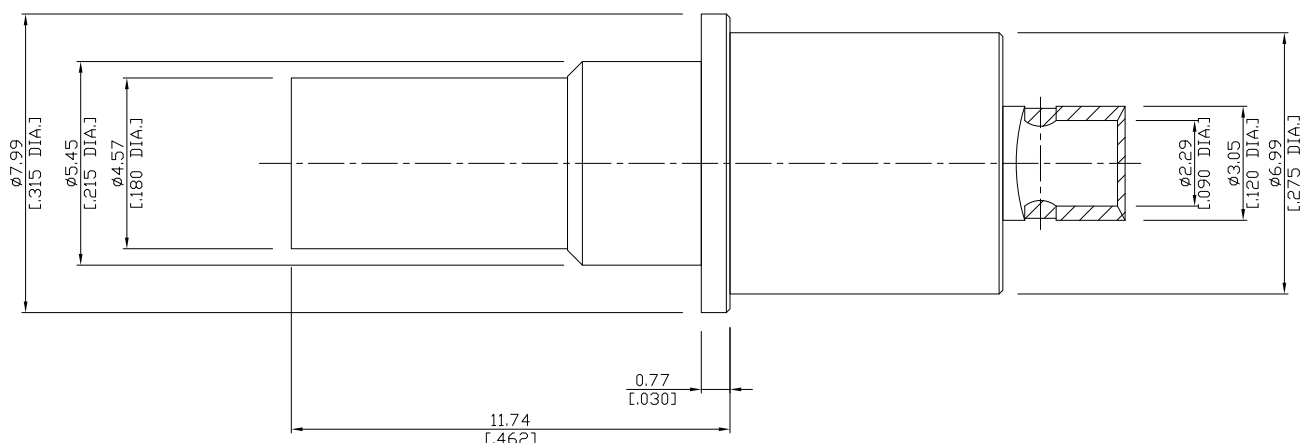


**BMZ PLUG (MALE) PIN CONTACT SIZE 8**  
**ATTACHMENT FOR .085 FLEXIBLE COAX DC-18 GHz VSWR 1.25**

**BMZ1EA50-0085A / 99X**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to

MIL-STD-348B

**Electrical Data**

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.25 (≥ 19.1 dB)

Insertion Loss

≤ 0.06 × √F (GHz) dB

Insulation Resistance

≥ 5 GΩ

Test Voltage (at sea level)

1000 V rms

**Material And Plating**

Piece Parts	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	
Gasket	Silicone Rubber	
Coupling Nut	Stainless Steel	Passivated

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**Mechanical Data**

Coupling mechanisms	Push on
Mating Cycles	≥ 500
Engagement force	0.578 N
Disengagement force	3.34 N

**Environmental Data**

Temperature Range	-65°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

**Packing**

Single or 100