

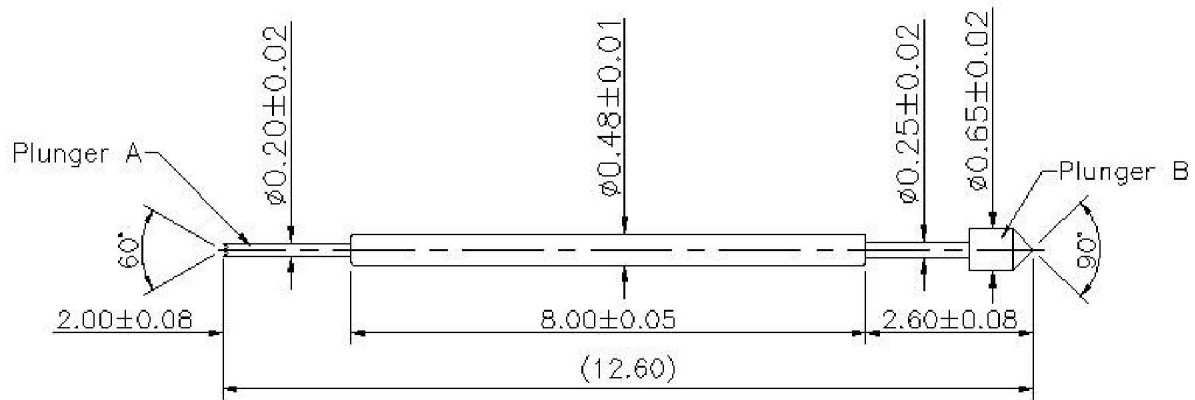


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DE1-048EF80-01



Material & Finishes

- Plunger A : Hardened BeCu Plated with Hard Gold (20μ "") over Nickel
- Plunger B : Hardened BeCu Plated with Hard Gold (20μ "") over Nickel
- Plated Barrel : Phosphor Bronze Plated with Hard Gold (20μ "") over Nickel
- Plated Spring : Music Wire (SWP) Flashed with Hard Gold over Nickel

Electrical Characteristics

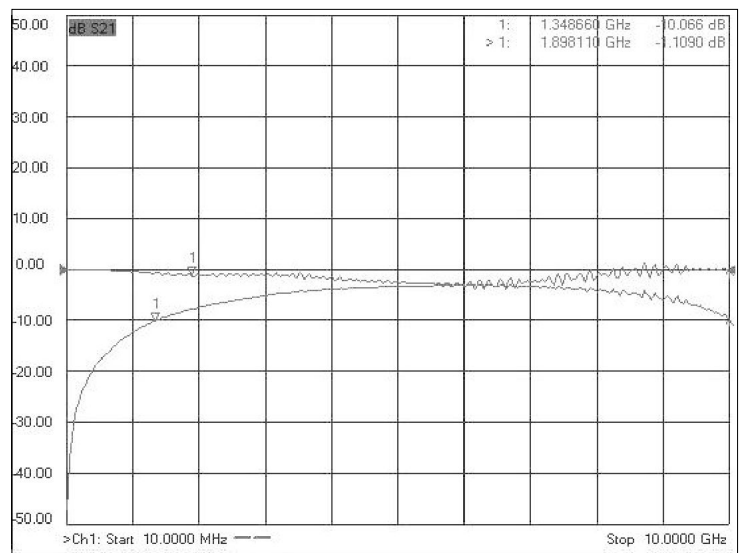
- Current Rating : 1 A Continuous
- DC Resistance : $\leq 100 \text{ m}\Omega$ (AVG)
- Characteristic Impedance : 50Ω
- Insertion Loss: 1.89GHz@-1dB
- Return Loss: 1.34GHz@-10dB

Mechanical

- Full Stroke : 2.80 mm
- Durability : 200K cycles (minimum)
- Spring Force : $20\text{g} \pm 20\%$ at 1.00 mm
- Recommend Travel : 1.00 mm

Electrical Measuring Equipment

- Agilent Network Analyzer N5230A 【10MHz to 20GHz】



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