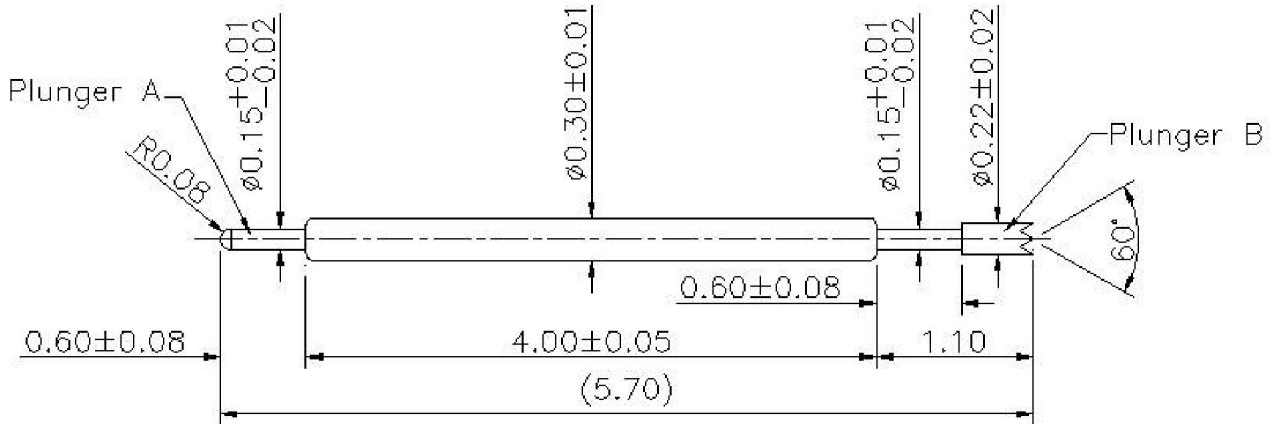




## DE1-030DF40-030



### Material & Finishes

- Plunger A : Hardened BeCu Plated with Hard Gold ( $80\mu$ "") over Nickel
- Plunger B : Hardened BeCu Plated with Hard Gold ( $80\mu$ "") over Nickel
- Plated Barrel : Phosphor Bronze Plated with Hard Gold ( $20\mu$ "") 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 :  $50 \Omega$
- Insertion Loss: 5.15GHz@-1dB
- Return Loss: 2.95GHz@-10dB

### Mechanical

- Full Stroke : 1.00 mm
- Durability : 200K cycles (minimum)
- Spring Force :  $17\text{g} \pm 20\%$  at 1.00 mm
- Recommend Travel : 1.00 mm

### Electrical Measuring Equipment

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

