

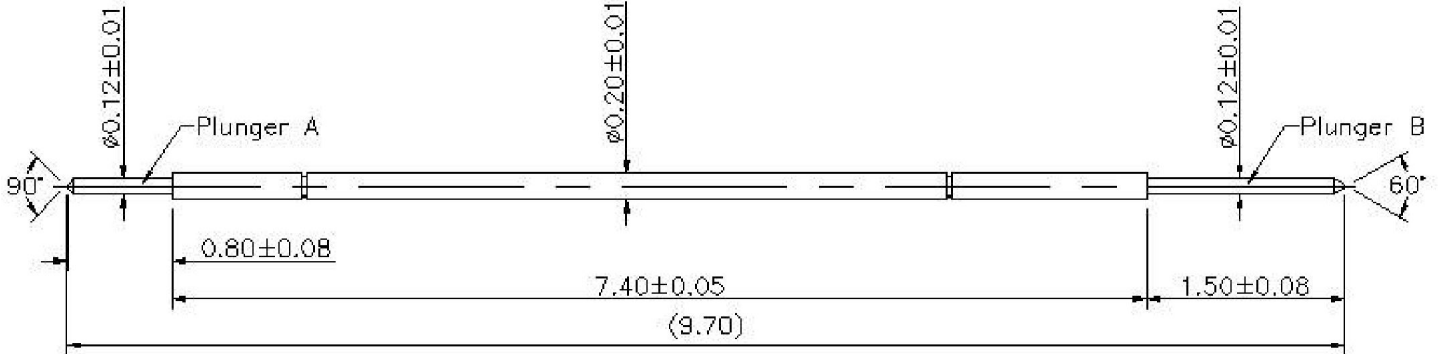


# C.C.P. Contact Probes Co., Ltd

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DE1-020BE74-010



## 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

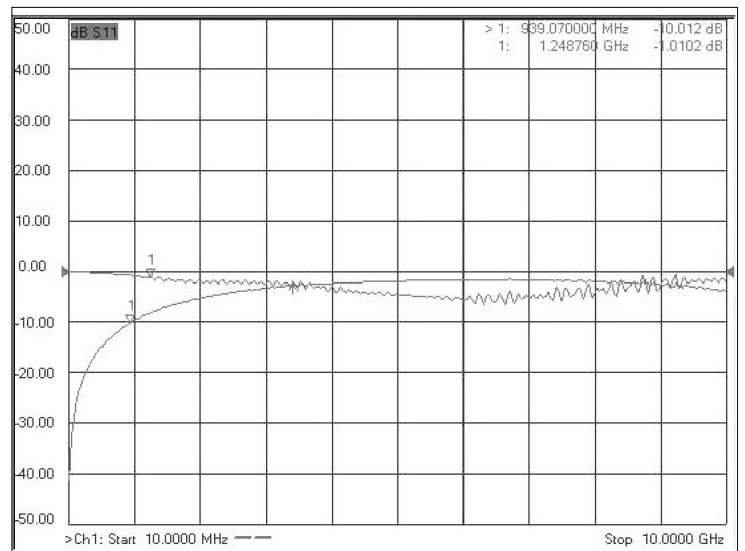
- Current Rating : 1 A Continuous
- DC Resistance :  $\leq 200 \text{ m}\Omega$  (AVG)
- Characteristic Impedance :  $50 \Omega$
- Insertion Loss:  $1.24\text{GHz}@-1\text{dB}$
- Return Loss:  $939\text{MHz}@-10\text{dB}$

## Mechanical

- Full Stroke : 1.30 mm
- Durability : 200K cycles (minimum)
- Spring Force :  $6\text{g} \pm 20\%$  at 0.80 mm
- Recommend Travel : 0.80 mm

## Electrical Measuring Equipment

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



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