

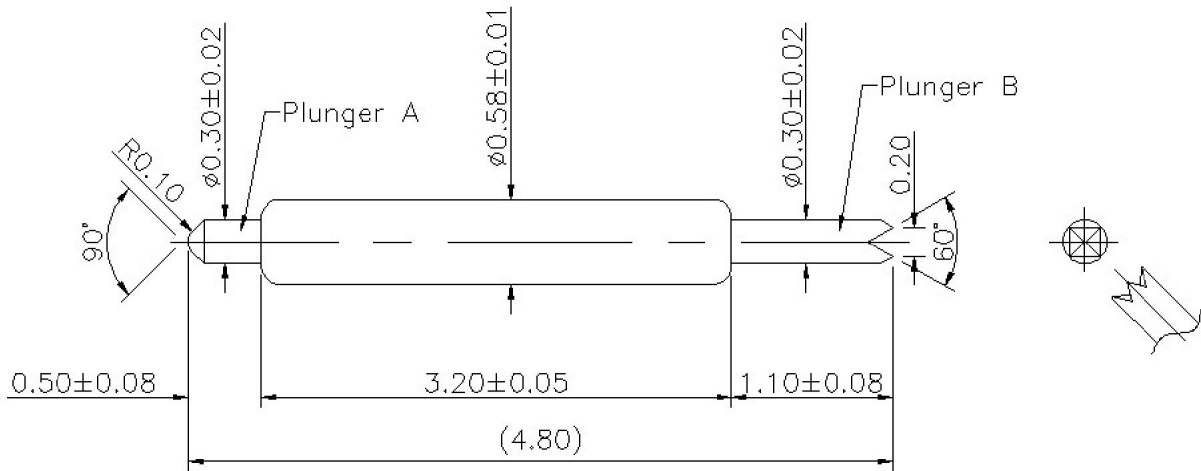


# C.C.P. Contact Probes Co., Ltd

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DE1-058EF32-010



## Material & Finishes

- Plunger A : Hardened BeCu Plated with Hard Gold ( $80\mu''$ ) over Nickel
- Plunger B : Hardened SK4 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

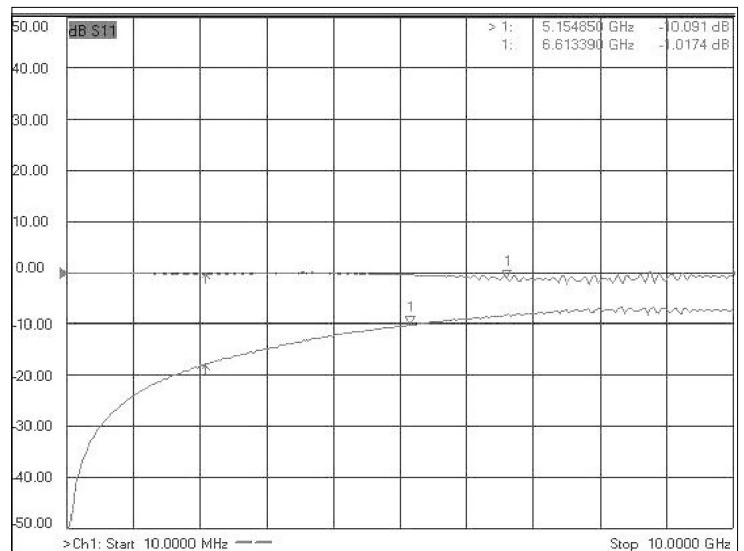
- Current Rating : 3 A Continuous
- DC Resistance :  $\leq 50 \text{ m}\Omega$  (AVG)
- Characteristic Impedance :  $50 \Omega$
- Insertion Loss: 6.61GHz@-1dB
- Return Loss: 5.15GHz@-10dB

## Mechanical

- Full Stroke : 0.80 mm
- Durability : 200K cycles (minimum)
- Spring Force :  $35\text{g} \pm 20\%$  at 0.55 mm
- Recommend Travel : 0.55 mm

## Electrical Measuring Equipment

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



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