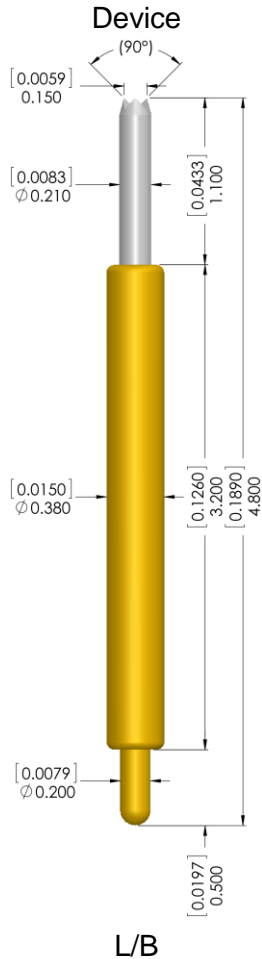




# C.C.P. Contact Probes Co., Ltd

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## PE1-038DF32-02F0



## Electrical Analysis Tools

- Agilent Network Analyzer E5071C
- Tektronix DSA8200
- HFSS, ADS, Q3D, Designer

## Electrical Characteristics

- Current Rating : 1A Continuous
- Contact Resistance : <175mΩ (AVG)
- Characteristic Impedance : 39.50Ω
- Insertion Loss: -1dB>20GHz
- Return Loss: -20dB@3.0GHz
- Time Delay: 25.20psec
- Loop Inductance: 1.0nH
- Capacitance: 0.64pF

## Material & Finishes

- Device Side Plunger :Pd alloy
- L/B Side Plunger :BeCu alloy with Au plated
- Barrel :Phosphor Bronze alloy with Au plated
- Spring : Music Wire (SWP) with Au plated

## Mechanical

- Full Travel : 0.85mm
- Recommended Travel : 0.65mm
- Spring Force : 37g ±20% at 0.65mm
- Durability : 200K cycles (minimum)
- Operating Temp. : -15°C~125°C

