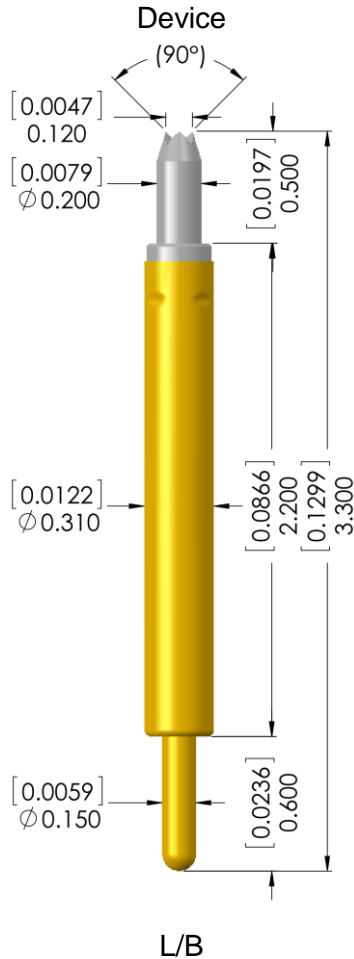




# C.C.P. Contact Probes Co., Ltd

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## PE3-031DF21-02F0



## Electrical Analysis Tools

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

## Electrical Characteristics

- Current Rating : 1A Continuous
- Contact Resistance : <120mΩ (AVG)
- Characteristic Impedance : 40.87Ω
- Insertion Loss: -1dB>20GHz
- Return Loss: -20dB@5.40GHz
- Time Delay: 16.48psec
- Loop Inductance: 0.67nH
- Capacitance: 0.40pF

## 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
- Spring : SUS with Au plated

## Mechanical

- Full Travel : 0.55mm
- Recommended Travel : 0.40mm
- Spring Force : 30g ±20% at 0.40mm
- Durability : 200K cycles (minimum)
- Operating Temp. : -15°C~125°C

