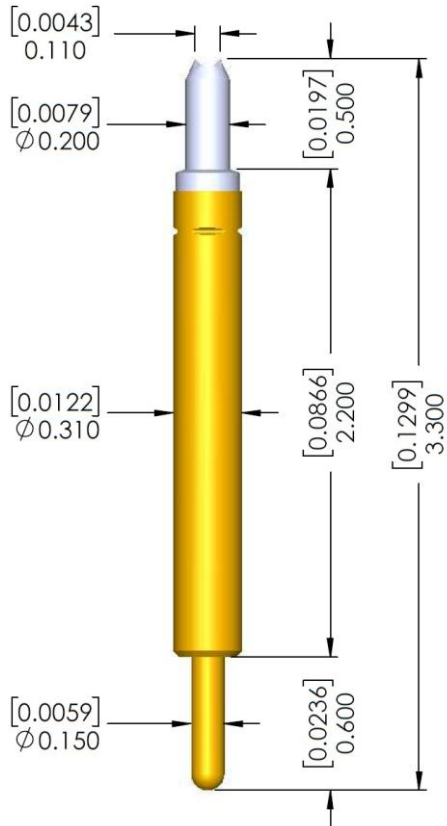




C.C.P. Contact Probes Co., Ltd

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PE3-031DF21-03F0 Device



L/B

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 : Music Wire (SWP) with Au plated

Mechanical

- Full Travel : 0.60mm
- Recommended Travel : 0.40mm
- Spring Force : 35g \pm 20% at 0.40mm
- Durability : 200k cycles (minimum)
- Operating Temp. : -15°C~125°C

Electrical Analysis Tools

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

Electrical Characteristics

- Current Rating : 1A Continuous
- Contact Resistance : <100m Ω (AVG)
- Characteristic Impedance : 40.87 Ω
- Insertion Loss: -1dB>20GHz
- Return Loss: -20dB@5.40GHz
- Time Delay: 16.48psec
- Loop Inductance: 0.67nH
- Capacitance: 0.40pF

