

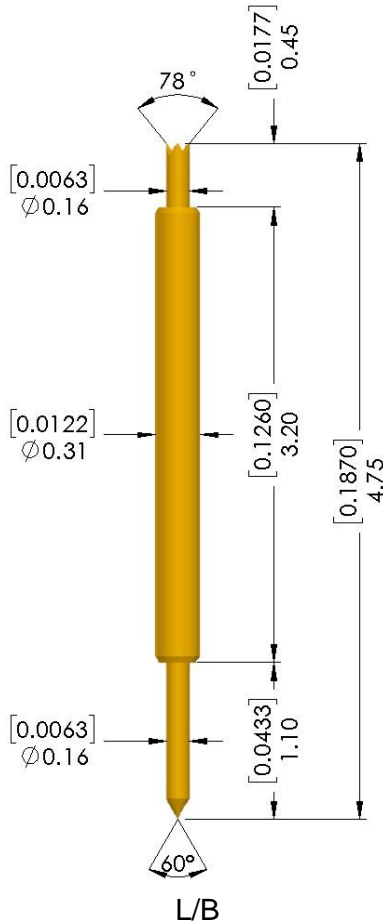


C.C.P. Contact Probes Co., Ltd

5F, No.8 Lane 24 Ho Ping Rd., Panchiao District, New Taipei City 220, Taiwan R.O.C.
 Tel:+886-2-29612525 Fax:+886-2-29610355 http://www.pccp.com.tw

DE1-031BF32-01C0

Device



L/B

Material & Finishes

- Device Side Plunger :SK4 alloy with Au plated
- L/B Side Plunger :BeCu alloy with Au plated
- Barrel :Phosphor Bronze alloy with Au plated
- Spring : Music Wire (SWP)

Mechanical

- Full Travel : 0.85mm
- Recommended Travel : 0.60mm
- Spring Force : 25g ±20% at 0.60mm
- 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 : <175mΩ (AVG)
- Characteristic Impedance : 41.16Ω
- Insertion Loss: -1dB@10.54GHz
- Return Loss: -20dB@3.47GHz
- Time Delay: 24.59psec
- Loop Inductance: 1.01nH
- Capacitance: 0.60pF

