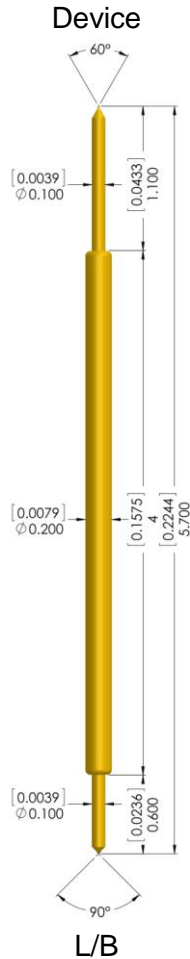




# C.C.P. Contact Probes Co., Ltd

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>

## DE1-020BE40-01A0



## Electrical Analysis Tools

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

## Electrical Characteristics

- Current Rating : 1A Continuous
- Contact Resistance : <250mΩ (AVG)
- Characteristic Impedance : 55.90Ω
- Insertion Loss: -1dB>20GHz
- Return Loss: -20dB@12.88GHz
- Time Delay: 26.83psec
- Loop Inductance: 1.50nH
- Capacitance: 0.48pF

## Material & Finishes

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

## Mechanical

- Full Travel : 0.90mm
- Recommended Travel : 0.60mm
- Spring Force : 12g ±20% at 0.60mm
- Durability : 200k cycles (minimum)
- Operating Temp. : -15°C~125°C

