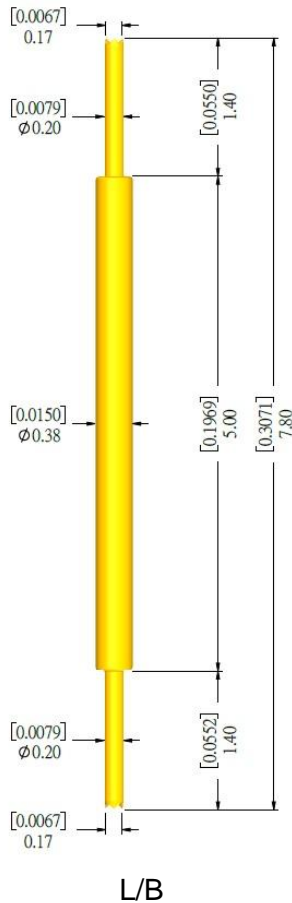




C.C.P. Contact Probes Co., Ltd

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DE1-038FF50-03F0 Device



L/B

Material & Finishes

- Device Side Plunger :BeCu alloy with Au plated
- 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 : 1.20mm
- Recommended Travel : 1.00mm
- Spring Force : 22g $\pm 20\%$ at 1.00mm
- 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 : <225m Ω (AVG)
- Characteristic Impedance : 43.29 Ω
- Insertion Loss: -1dB @ 12.98GHz
- Return Loss: -20dB @ 3.20GHz
- Time Delay: 39.59psec
- Loop Inductance: 1.71nH
- Capacitance: 0.91pF

