

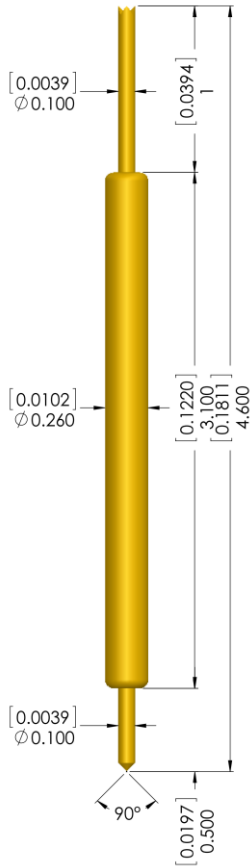


# C.C.P. Contact Probes Co., Ltd

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## DE1-026EF31-01A0

Device



L/B

## 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 : SUS with Au plated

## Mechanical

- Full Travel : 0.80mm
- Recommended Travel : 0.50mm
- Spring Force : 20g ±4g at 0.50mm
- Durability : 200K cycles (minimum)
- Operating Temp. : -55°C~150°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 : 56.40Ω
- Insertion Loss: -1dB>20GHz
- Return Loss: -20dB@5.11GHz
- Time Delay: 23.70psec
- Loop Inductance: 1.34nH
- Capacitance: 0.42pF

