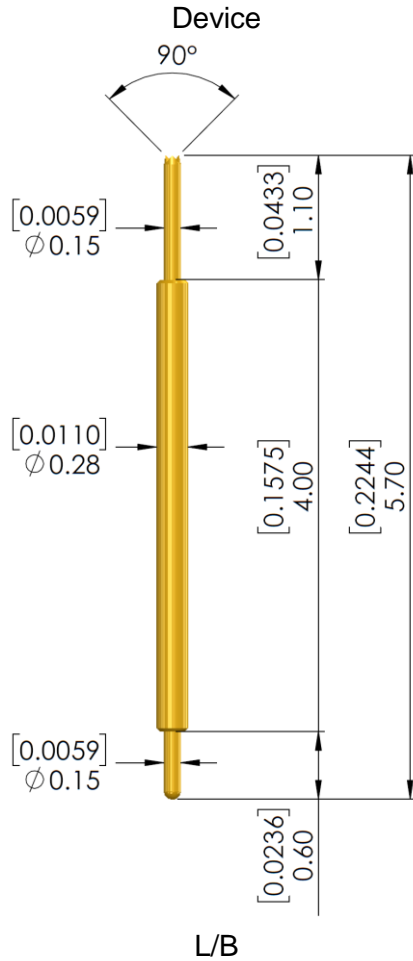




# C.C.P. Contact Probes Co., Ltd

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## DE1-028DF40-01B0-S



## Electrical Analysis Tools

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

## Electrical Characteristics

- Current Rating : 1A Continuous
- Contact Resistance : <150m $\Omega$  (AVG)
- Characteristic Impedance : 48.28 $\Omega$
- Insertion Loss: -1dB>20GHz
- Return Loss: -20dB@8.31GHz
- Time Delay: 28.27psec
- Loop Inductance: 1.37nH
- Capacitance: 0.59pF

## 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 : 1.00mm
- Recommended Travel : 0.65mm
- Spring Force : 28g  $\pm$ 7g at 0.65mm
- Durability : 200k cycles (minimum)
- Operating Temp. : -15°C~125°C

