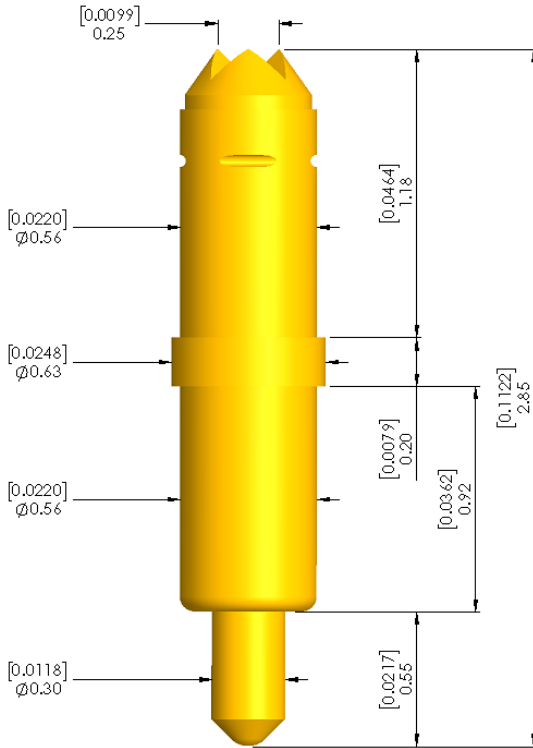




# C.C.P. Contact Probes Co., Ltd

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## DE4-056EF20-01F0 Device



## Electrical Analysis Tools

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

## Electrical Characteristics

- Current Rating : 1A Continuous
- Contact Resistance : <100m $\Omega$  (AVG)
- Characteristic Impedance : 47.23 $\Omega$
- Insertion Loss:-1dB>20GHz
- Return Loss: -20dB@8.09GHz
- Time Delay: 17.09psec
- Loop Inductance: 0.81nH
- Capacitance: 0.36pF

L/B

## Material & Finishes

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

## Mechanical

- Full Travel : 0.55mm
- Recommended Travel : 0.35mm
- Spring Force : 25g  $\pm$ 20% at 0.35mm
- Durability : 200k cycles (minimum)
- Operating Temp. : -15 $^{\circ}$ C~125 $^{\circ}$ C

