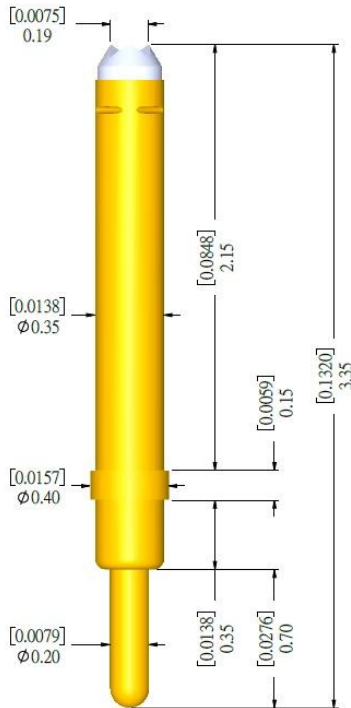




# C.C.P. Contact Probes Co., Ltd

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## PE4-035DF24-01F0 Device



## Electrical Analysis Tools

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

## Electrical Characteristics

- Current Rating : 1A Continuous
- Contact Resistance : <75m $\Omega$  (AVG)
- Characteristic Impedance : 39.80 $\Omega$
- Insertion Loss: -1dB>20GHz
- Return Loss: -20dB@3.94GHz
- Time Delay: 17.5psec
- Loop Inductance: 0.70nH
- Capacitance: 0.45pF

L/B

## Material & Finishes

- Device Side Plunger :Pd alloy
- L/B Side Plunger :BeCu alloy with Au plated
- Barrel :Phosphor Bronze alloy with Au plated
- Spring : SUS with Au plated

## Mechanical

- Full Travel : 0.70mm
- Recommended Travel : 0.45mm
- Spring Force : 32g  $\pm$ 20% at 0.45mm
- Durability : 200K cycles (minimum)
- Operating Temp. : -55 $^{\circ}$ C~150 $^{\circ}$ C

