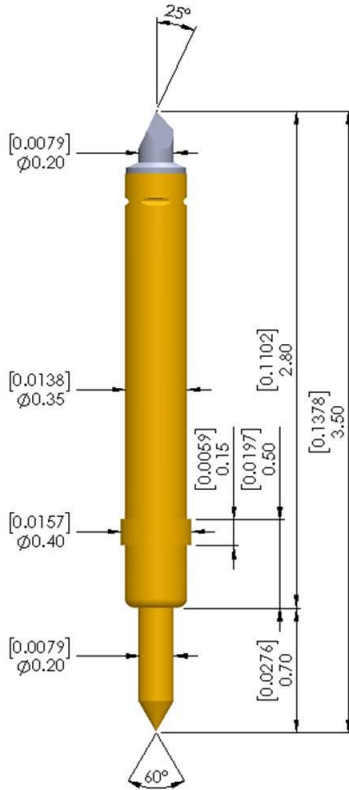




C.C.P. Contact Probes Co., Ltd

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PE4-035BT24-01A0 Device



L/B

Material & Finishes

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

Mechanical

- Full Travel : 0.70mm
- Recommended Travel : 0.45mm
- Spring Force : 40g $\pm 20\%$ at 0.45mm
- 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 : <100m Ω (AVG)
- Characteristic Impedance : 44.89 Ω
- Insertion Loss: -1dB>20GHz
- Return Loss: -20dB@8.32GHz
- Time Delay: 18.92psec
- Loop Inductance: 0.85nH
- Capacitance: 0.42pF

