

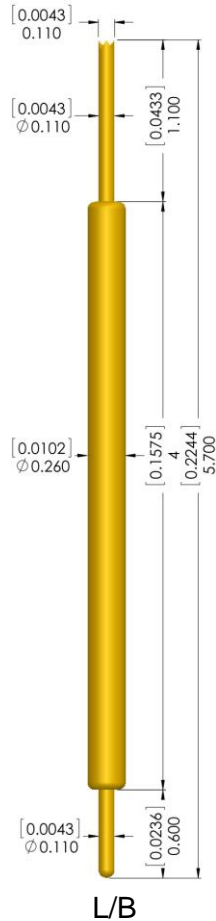


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DE1-026DF40-02A0

Device



Electrical Analysis Tools

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

Electrical Characteristics

- Current Rating : 1A Continuous
- Contact Resistance : <math><500\text{m}\Omega\text{ (AVG)}</math>
- Characteristic Impedance : 55.02Ω
- Insertion Loss: $-1\text{dB}@18.77\text{GHz}$
- Return Loss: $-20\text{dB}@6.82\text{GHz}$
- Time Delay: 28.57psec
- Loop Inductance: 1.57nH
- Capacitance: 0.52pF

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 : SUS with Au plated

Mechanical

- Full Travel : 0.85mm
- Recommended Travel : 0.65mm
- Spring Force : $18\text{g} \pm 20\%$ at 0.55mm
- Durability : 200k cycles (minimum)
- Operating Temp. : $-55^\circ\text{C} \sim 150^\circ\text{C}$

