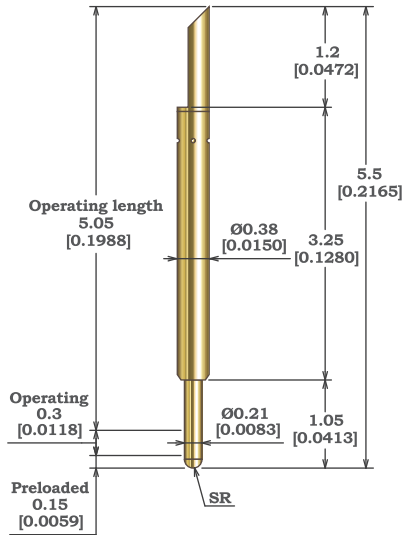


Kelvin 050

Probe Dia. **0.38mm** Length **5.50mm**

Probe Outline

Unit: mm [inch]



Specifications (Approximate Average Values)

Mechanical Specifications

Spring Force at Operating Travel	31gf (1.09oz.)
Operating Travel	0.45mm (0.0177inch)
Operating Temperature	-45 to 140°C
Life Span at Operating Travel	500K Cycles

Electrical Specifications

Current Rating (Continuous)	2.0A
Self Inductance	1.02nH
Bandwidth @ -1dB	17.3GHz
DC Resistance	≤0.05Ω

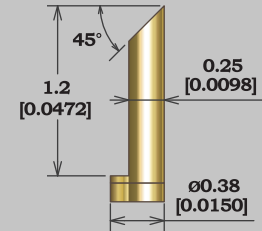
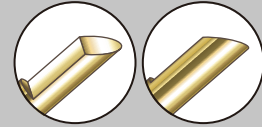
Material and Finishes

Bottom Plunger	BeCu / Au Plated
Barrel	Alloy / Au Plated
Spring	Stainless Steel / Au Plated

*Top Plunger : Please refer to the table on the right.

Top Plunger & Item Number

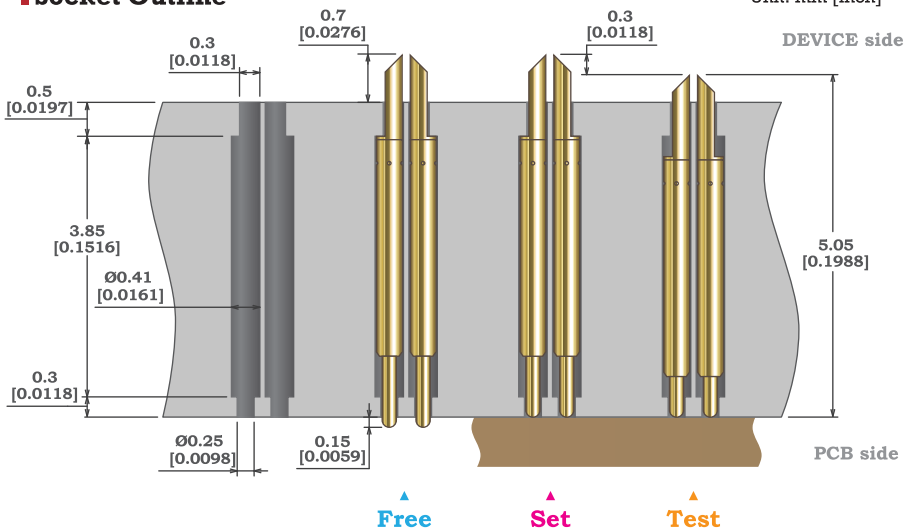
KHS050-011W1



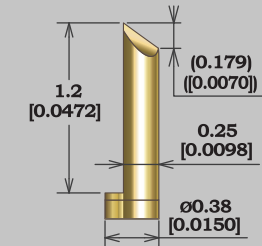
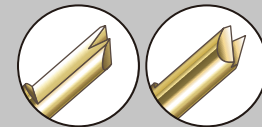
Material : BeCu
 Plating : Au

Socket Outline

Unit: mm [inch]



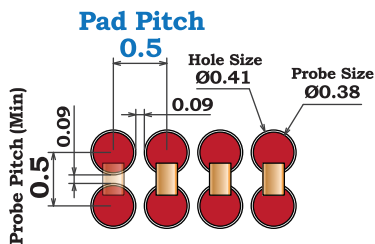
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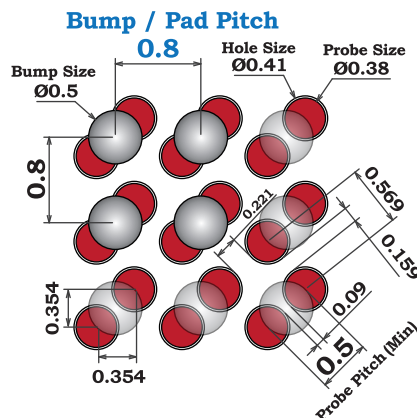
Material : BeCu
 Plating : Au Alloy

Probe Arrangement

Peripheral type package



Grid Array type package



Applications (Reference)

Peripheral

- Package Type QFN, DFN etc.
- Pad/Bump Pitch 0.5mm

Grid Array

- Package Type BGA, LGA etc.
- Pad/Bump Pitch 0.8mm