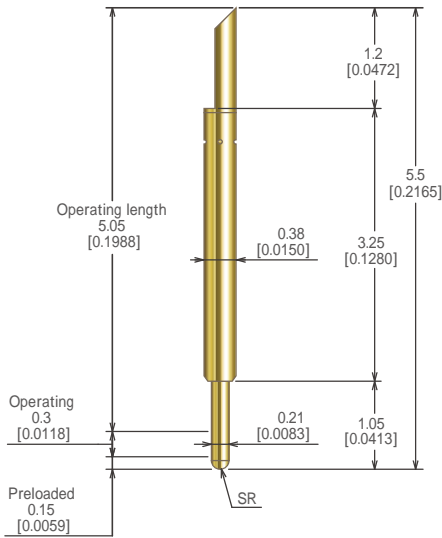


# Kelvin 050

Pin Dia. **0.38mm** Length **5.50mm**

## Pin Outline

Unit: mm [inch]



## Specifications

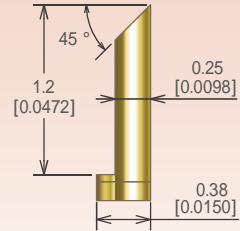
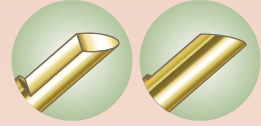
(Approximate Average Values)

Mechanical Specifications	
Spring Force at Operating Travel	31gf (1.09oz.)
Operating Travel	0.45mm (0.0177inch)
Operating Temperature	45 to 140
Life Span at Operating Travel	500K Cycles
Electrical Specifications	
Current Rating (Continuous)	2.4A (KHS050 011W1) 1.7A (KHS050 012NW2)
Self Inductance	1.56nH
Bandwidth @ 1dB	8.4GHz
DC Resistance	0.05ohm
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

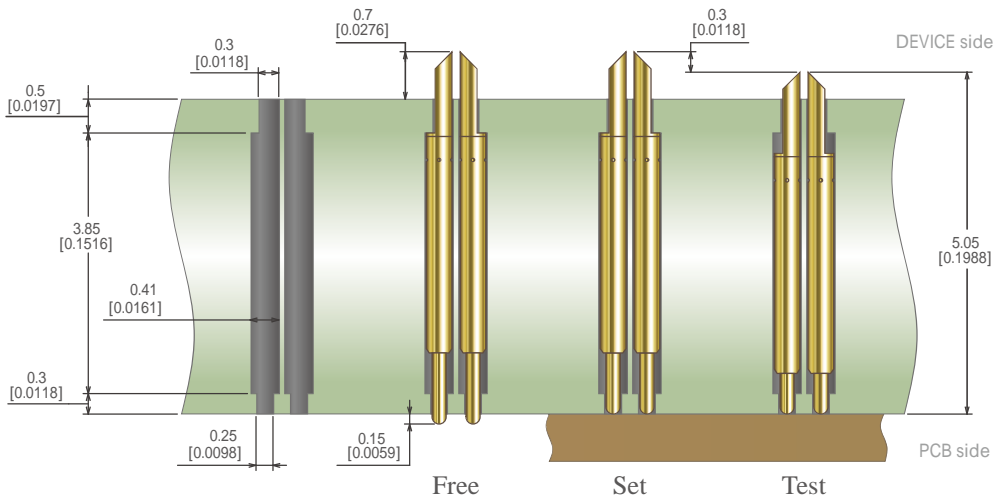
### KHS050 011W1



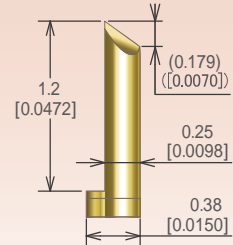
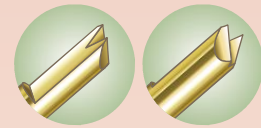
Material : BeCu  
Plating : Au

## Socket Outline

Unit: mm [inch]



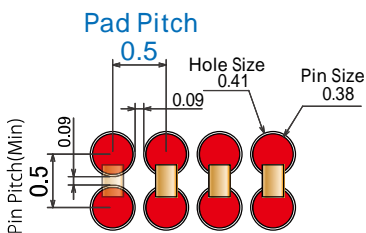
### KHS050 012NW2



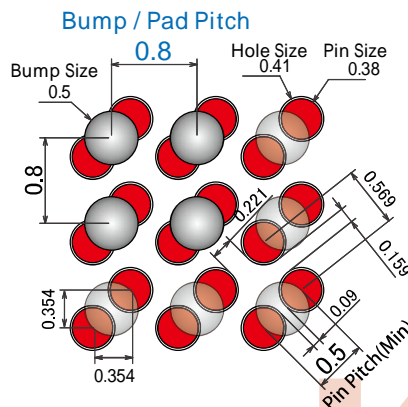
Material : BeCu  
Plating : Au Alloy

## Pin 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