

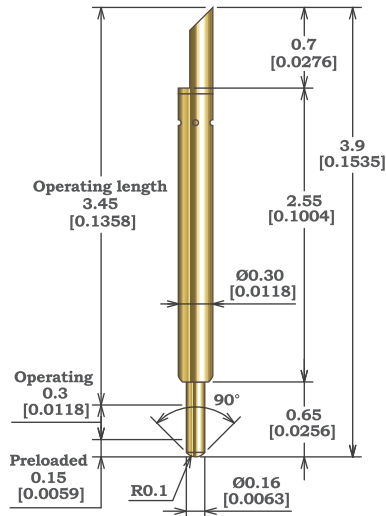
# Kelvin 040

Probe Dia. **0.30mm** Length **3.90mm**

Kelvin Contact

## Probe Outline

Unit: mm [inch]



## Specifications (Approximate Average Values)

### Mechanical Specifications

Spring Force at Operating Travel	22gf (0.78oz.)
Operating Travel	0.45mm (0.0177inch)
Operating Temperature	-45 to 125°C
Life Span at Operating Travel	1000K Cycles

### Electrical Specifications

Current Rating (Continuous)	1.6A
Self Inductance	0.71nH
Bandwidth @ -1dB	44.3GHz
DC Resistance	≤0.05Ω

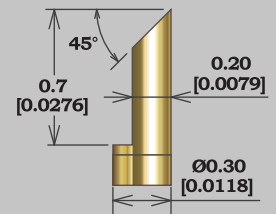
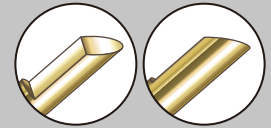
### Material and Finishes

Bottom Plunger	BeCu / Au Plated
Barrel	Alloy / Au Plated
Spring	Music Wire / Au Plated

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

## Top Plunger & Item Number

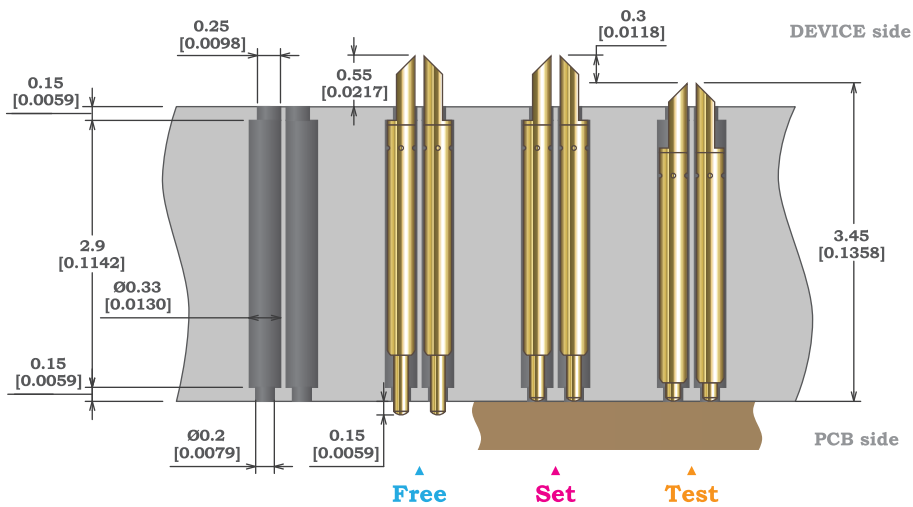
### KHS040-009W1



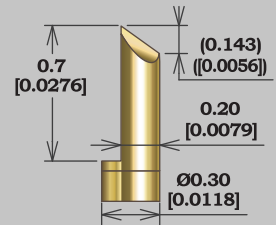
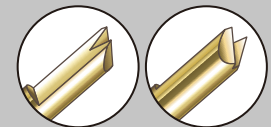
Material : BeCu  
Plating : Au

## Socket Outline

Unit: mm [inch]



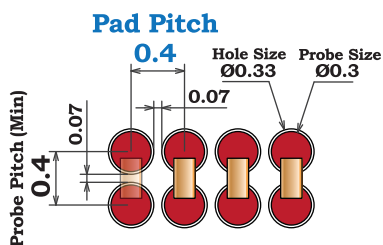
### KHS040-010NW2



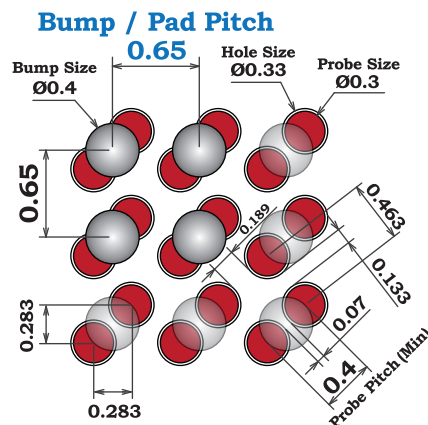
Material : BeCu  
Plating : Au Alloy

## Probe Arrangement

### Peripheral type package



### Grid Array type package



## Applications (Reference)

### Peripheral

- Package Type QFN, DFN etc.
- Pad/Bump Pitch 0.4mm

### Grid Array

- Package Type BGA, LGA etc.
- Pad/Bump Pitch 0.65mm