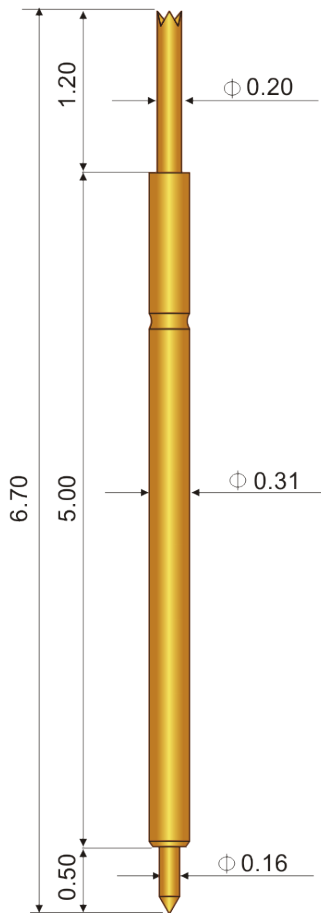


Pitch 0.40 mm

## SCPC031-XY-67-0.9/1.4HG(BS)

Y:Top Plunger II (Device Side)



X:Bottom Plunger I (PCB Side)

**Materials(plated):**

**Unit:mm**

|                       |                          |
|-----------------------|--------------------------|
| Barrel                | Ph, Au on Ni Plated      |
| X:Bottom ( Plunger I) | BeCu, Au on Ni Plated    |
| Y:Top ( Plunger II)   | SK4, Au on Ni Plated     |
| Spring                | SWP-A/B, Au on Ni Plated |

**Electrical Spec.:**

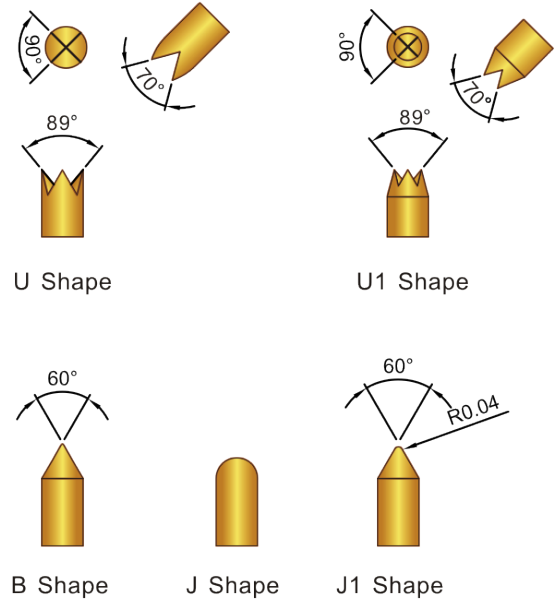
|                      |                 |
|----------------------|-----------------|
| Current Rating       | 1.5 Amps        |
| Contact Resistance   | 150 mohms max   |
| Bandwidth            | 7.5GHz@-1dB     |
| Inductive Reactance  | 1MHZ@-0.05856uH |
| Capacitive Reactance | 1MHZ@0.434274uF |

**Specifications:**

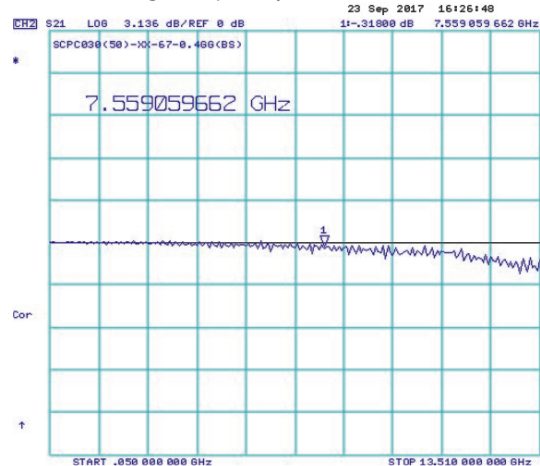
|                         |  |
|-------------------------|--|
| Full Stroke             | 1.00 mm                                    |
| Rated Stroke            | 0.65 mm                                    |
| Spring Force            | 25±5gf@load 0.65 mm<br>40±9gf@load 0.65 mm |
| Mechanical Life Exceeds | 200,000 cycles                             |

Test result is subjected to testing condition

• Plunger Head Shape



• Working Frequency



• Spring force and stroke relationship

