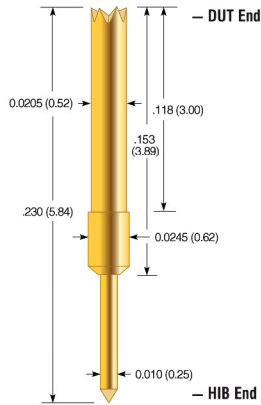


## SCP

0.80 mm, 1.00 mm, 1.27 mm

### SCP-080



#### Mechanical

Pitch:	.032 (0.80)
Recommended Travel:	.030 (0.76)
Full Travel:	.035 (0.89)
Test Height:	.200 (5.08)
Mechanical Life*:	1,000,000 cycles
Operating Temperature:	-55°C to +155°C
Spring Force in oz. (grams):	1.50 (42.5)

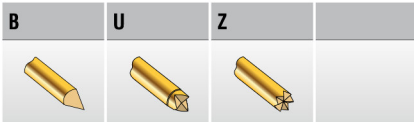
#### Electrical (Static Conditions)

Current Rating:	5 amps
Average DC Probe Resistance**:	<50 mOhms
Self Inductance (Ls):	1.27 nH
Capacitance (Cc):	0.12 pF
Bandwidth @ -1dB:	6.0 GHz

#### Materials and Finishes

Plunger:	BeCu, Hard Gold over Nickel
Barrel:	BeCu, Hard Gold over Nickel
Spring:	Steel alloy, Gold plated

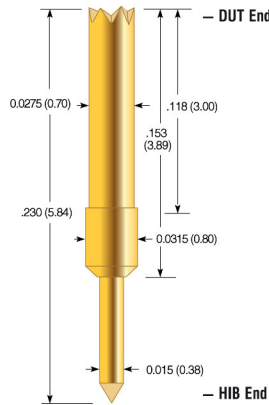
#### Tip Style - DUT



#### Tip Style - HIB



### SCP-100



#### Mechanical

Pitch:	.039 (1.00)
Recommended Travel:	.030 (0.76)
Full Travel:	.035 (0.89)
Test Height:	.200 (5.08)
Mechanical Life*:	1,000,000 cycles
Operating Temperature:	-55°C to +155°C
Spring Force in oz. (grams):	1.50 (42.5)

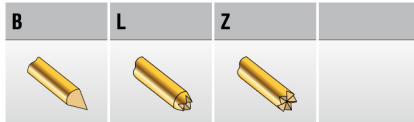
#### Electrical (Static Conditions)

Current Rating:	7 amps
Average DC Probe Resistance**:	<50 mOhms
Self Inductance (Ls):	1.40 nH
Capacitance (Cc):	0.66 pF
Bandwidth @ -1dB:	6.78 GHz

#### Materials and Finishes

Plunger:	BeCu, Hard Gold over Nickel
Barrel:	BeCu, Hard Gold over Nickel
Spring:	Steel alloy, Gold plated

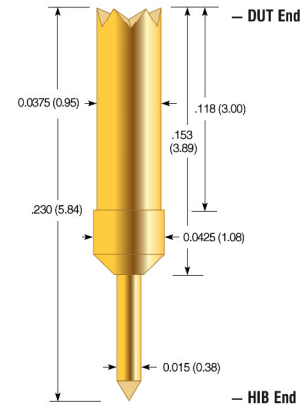
#### Tip Style - DUT



#### Tip Style - HIB



### SCP-127



#### Mechanical

Pitch:	.050 (1.27)
Recommended Travel:	.030 (0.76)
Full Travel:	.035 (0.89)
Test Height:	.200 (5.08)
Mechanical Life*:	1,000,000 cycles
Operating Temperature:	-55°C to +155°C
Spring Force in oz. (grams):	1.50 (42.5)

#### Electrical (Static Conditions)

Current Rating:	9 amps
Average DC Probe Resistance**:	<50 mOhms
Self Inductance (Ls):	1.40 nH
Capacitance (Cc):	0.79 pF
Bandwidth @ -1dB:	7.63 GHz

#### Materials and Finishes

Plunger:	BeCu, Hard Gold over Nickel
Barrel:	BeCu, Hard Gold over Nickel
Spring:	Steel alloy, Gold plated

#### Tip Style - DUT



#### Tip Style - HIB



Dimensions in inches (millimeters). Specifications subject to change without notice. Consult factory for other temperature requirements, and applications below -40°C. Stocking Disclaimer: Stocking levels for part numbers listed in this catalog are subject to change. Availability is based on current levels of usage and demand.



\* Life specifications are based on lab results but are dependent on cleaning frequency and the specific customer application, including DUT materials, handler kit, maintenance, etc.  
\*\* Contact resistance will increase over time due to solder build-up and wear