High-Performance Bias Ball Probe

POGO-25

Probe Specifications

POGO-25
POGO-25 Steel

Mechanical
- Full Travel: 0.250 (6.35)
- Recommended Working Travel: 0.167 (4.24)
- Mechanical Life Exceeds: 1 x 10^6 cycles

Operating Temperature
- -55°C to +105°C
- Consult factory for other temperature requirements, and applications below -40° C.

Electrical (Static Conditions)
- Current Rating: 8 amps
- Maximum continuous current, non-inductive at working travel
- Average Probe Resistance: 8 mΩ

Materials and Finishes
- Plunger: Heat-treated beryllium copper, gold-plated over hard nickel
- Barrel: Work-hardened phosphor bronze, HPA-GOLD™ plated (I.D. and O.D.) over hard nickel
- Spring: Music wire, stainless steel
- Ball: Work-hardened nickel silver, gold plated over hard nickel
- Receptacle Specifications
  - Mounting Hole Size:
  - A #51 or 1.75 mm drill is most commonly used.
  - Recommended Wire Gauge: 22-26 AWG
  - Connections: SPR-25W Crimp or push-on termination (AMP terminal 60983-1 or equivalent)

POGO-25A
POGO-25A-S

POGO-25B
POGO-25B-S

POGO-25C

POGO-25FL-S

POGO-25H
POGO-25H-S

POGO-25HM

POGO-25I
POGO-25I-S

POGO-25J
POGO-25J-S

POGO-25I8-S

POGO-25L
POGO-25L-S

POGO-2518-S

POGO-25I35-S

Dimensions in inches (millimeters)
TO ORDER, CALL 909-625-9390

Spring Force in oz. (grams)

<table>
<thead>
<tr>
<th>Spring Type</th>
<th>Preload</th>
<th>2/3 Travel</th>
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<tr>
<td>Light</td>
<td>-2</td>
<td>0.99 (20)</td>
</tr>
<tr>
<td>Standard</td>
<td>-4</td>
<td>1.46 (41)</td>
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To order, add dash number to Model Number.

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Optional spring forces and materials are available.

Solder Cup Press Ring

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