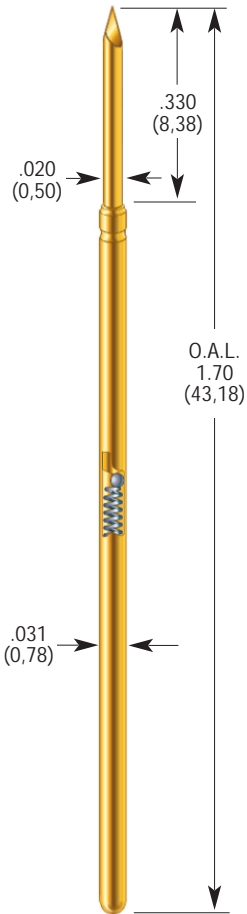
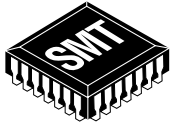


POGO-72

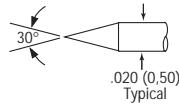


Patented

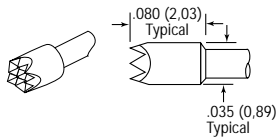
NOTE: To order in steel, include a -S after model #, i.e. POGO-72H-4-S

Pogo series not available with cyclo-soldered option

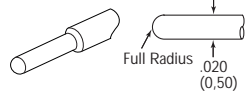
POGO-72B



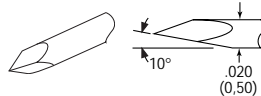
POGO-72H POGO-72H-S



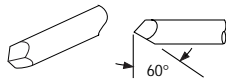
POGO-72J POGO-72J-S



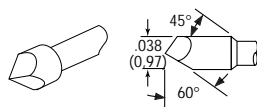
POGO-72T1 POGO-72T1-S



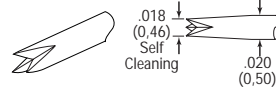
POGO-72T20 POGO-72T20-S



POGO-72T38 POGO-72T38-S



POGO-72U POGO-72U-S



High-Performance Bias Ball Probe For Loaded PCB Testing

SPECIFICATIONS

PROBE SERIES	POGO-72	POGO-72 STEEL
Mechanical		
Full Travel:	.250 (6,35)	.250 (6,35)
Recommended Working Travel:	.167 (4,24)	.167 (4,24)
Mechanical Life Exceeds:	1 x 10 ⁶ cycles	1 x 10 ⁶ cycles
Operating Temperature	-55°C to +105°C	-55°C to +105°C
Consult factory for other temperature requirements, and applications below -40°C		
Electrical (Static Conditions)		
Current Rating:	3 amps	3 amps
maximum continuous current, non-inductive at working travel		
Probe Resistance	15 m Ω	15 m Ω
With a standard deviation of <2 mV @ 25 mA test current		
Materials and Finishes		
Plunger:	Heat-treated beryllium copper, gold-plated over hard nickel	Heat-treated tool steel, gold-plated over hard nickel
Barrel:	Work hardened beryllium copper, HPA-GOLD™ plated (I.D. and O.D.) over hard nickel	Work hardened beryllium copper, HPA-GOLD™ plated (I.D. and O.D.) over hard nickel
Spring:	Music wire	Music wire
Ball:	Stainless steel	Stainless steel

RECEPTACLE SPECIFICATIONS (Uses Insertion Tool #AT31)

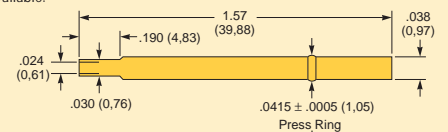
Mounting Hole Size:	A #61 drill is most commonly used. .039 (0,99)	
Recommended Wire Gauge:	28-30 AWG	28-30 AWG
Connections:	<p>HPR-72W Crimp (To order with 30 inches of 28 or 30 AWG wire attached, add -28 or -30 to model number.)</p> <p>HPR-72W-1 Solder cup termination (30 AWG only), max. insulation diameter = .019 (0,48), wire strip length = .125 (3,2)</p> <p>HPR-72W-4 FASTITE® wire termination (30 AWG only), max. insulation diameter = .019 (0,48), wire strip length = .125 (3,2)</p> <p>DS-62-1 Insulation sleeve for HPR-72-W-4. One sleeve is provided with each FASTITE® receptacle at no charge. Consult factory for price/delivery on additional quantities.</p> <p>FWA-1-30 30 AWG wire with DS-62-1 insulation sleeve attached.</p>	<p>HPR-72W Crimp (To order with 30 inches of 28 or 30 AWG wire attached, add -28 or -30 to model number.)</p> <p>HPR-72W-1 Solder cup termination (30 AWG only), max. insulation diameter = .019 (0,48), wire strip length = .125 (3,2)</p> <p>HPR-72W-4 FASTITE® wire termination (30 AWG only), max. insulation diameter = .019 (0,48), wire strip length = .125 (3,2)</p> <p>DS-62-1 Insulation sleeve for HPR-72-W-4. One sleeve is provided with each FASTITE® receptacle at no charge. Consult factory for price/delivery on additional quantities.</p> <p>FWA-1-30 30 AWG wire with DS-62-1 insulation sleeve attached.</p>
Materials and Finishes	Work-hardened beryllium copper, HPA-Gold™ plated (I.D. and O.D.) over hard nickel.	Work-hardened beryllium copper, HPA-Gold™ plated (I.D. and O.D.) over hard nickel.

SPRING FORCE +/- 20% IN OZ. (GRAMS)

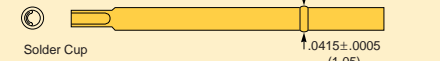
Spring Type	Preload	2/3 Travel
To order, add dash number to Model Number.		
Light	-2 .73 (21)	2.0 (57)
Standard	as shown -4 .99 (28)	4.0 (114)
Alternate	-6 .64 (18)	6.0 (170)
High	-8 2.33 (66)	8.0 (227)

Optional spring forces and materials are available.

HPR-72W

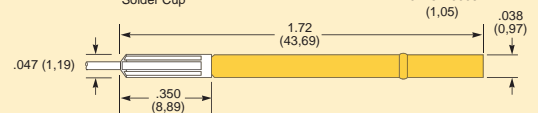


HPR-72W-1



HPR-72W-4

(Shown with DS-62-1 installed)



Dimensions in inches (millimeters)

