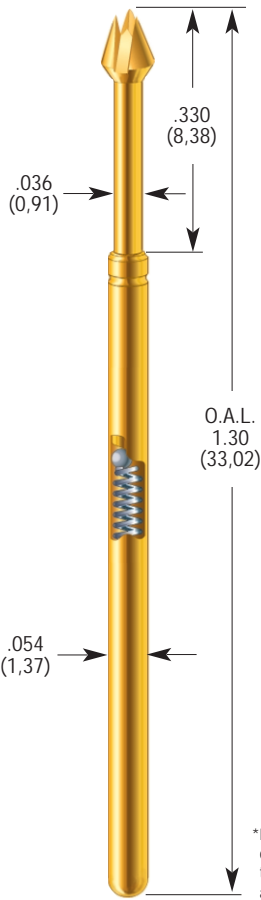


POGO-25

High-Performance Bias Ball Probe For Loaded PCB Testing

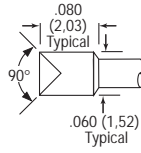


Patented

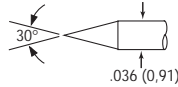
NOTE: To order in steel, include a -S after model #, i.e. POGO-25H-4-S

Pogo series not available with cyclo-soldered option

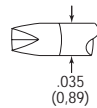
POGO-25A POGO-25A-S



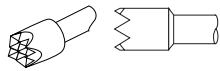
POGO-25B POGO-25B-S



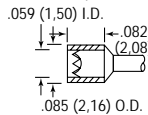
POGO-25FL-S



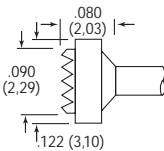
POGO-25H POGO-25H-S



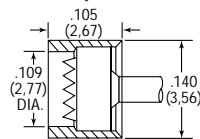
POGO-25H-INS (Insulated)



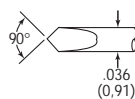
POGO-25HM



POGO-25HM-INS (Insulated)



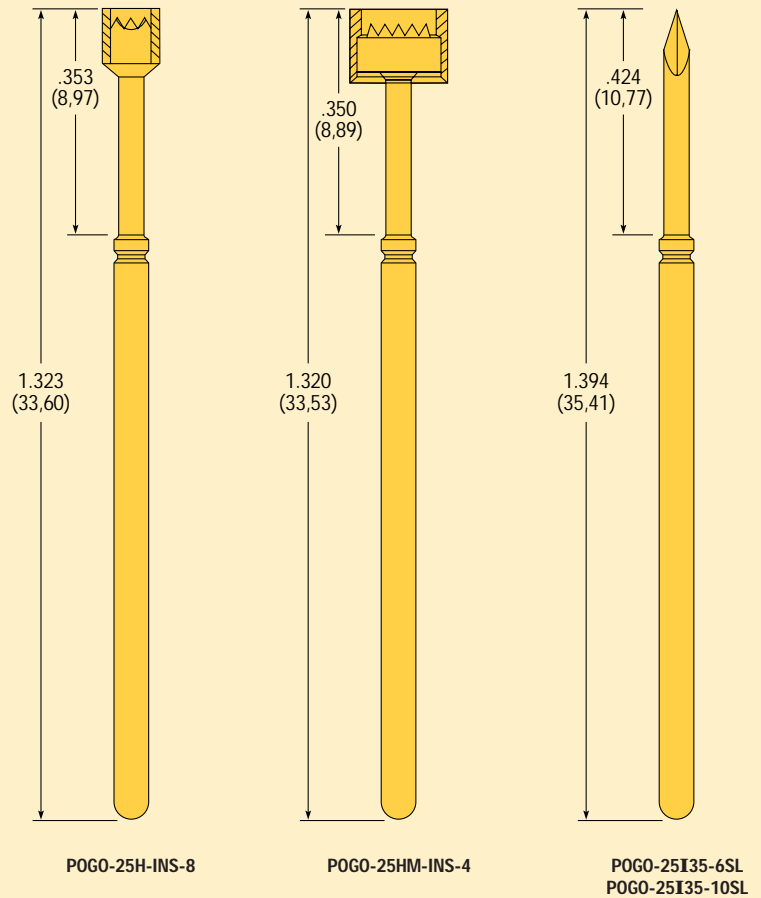
POGO-25I POGO-25I-S



SPECIFICATIONS

PROBE SERIES	POGO-25	POGO-25 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:	10 amps	10 amps
Maximum continuous current, non-inductive at working travel		
Probe Resistance	8 m Ω	8 m Ω
With a standard deviation of <1 mV @ 25 mA test current		
Materials and Finishes		
Plunger:	Heat-treated beryllium copper, gold-plated over hard nickel	Plunger steel, heat-treated tool steel, gold-plated over hard nickel
Barrel:	Work hardened phosphor bronze, HPA-GOLD™ plated (I.D. and O.D.) over hard nickel	Work hardened phosphor bronze, HPA-GOLD™ plated (I.D. and O.D.) over hard nickel
Spring:	Music wire	Music wire
Ball:	Stainless steel	Stainless steel

Insulated and Special Tip Probe Dimensions



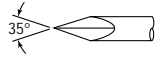
POGO-25H-INS-8

POGO-25HM-INS-4

POGO-25I35-6SL
POGO-25I35-10SL



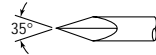
POGO-25I35-S



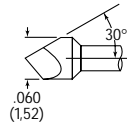
POGO-25L36
POGO-25L36-S



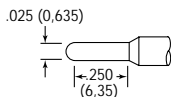
POGO-25I35-6SL*
POGO-25I35-10SL*



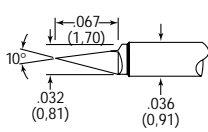
POGO-25T
POGO-25T-S



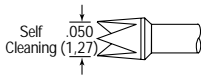
POGO-25J
POGO-25J-S



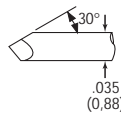
POGO-25T1-S



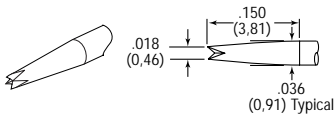
POGO-25L
POGO-25L-S



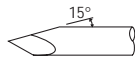
POGO-25T30
POGO-25T30-S



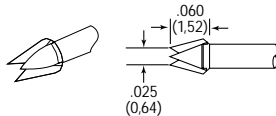
POGO-25L18
POGO-25L18-S



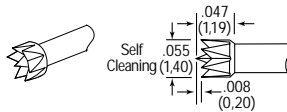
POGO-25T36
POGO-25T36-S



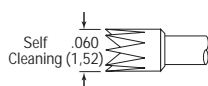
POGO-25UN
POGO-25UN-S



POGO-25V
POGO-25V-S



POGO-25Z
POGO-25Z-S



RECEPTACLE SPECIFICATIONS (Uses Insertion Tool #ARIT54)

Mounting Hole Size:	.067/.069 (1,7/1,75)	.067/.069 (1,7/1,75)
Recommended Wire Gauge:	22-26 AWG	22-26 AWG
Connections:	<p>SPR-25W Crimp or push-on termination (AMP terminal 60983-1 or equivalent)</p> <p>SPR-25W-1 Solder cup</p> <p>SPR-25W-2 Wire wrap/square post. Vacuum leak rate not to exceed 1 x 10⁻⁴ CFM @ 15 psi</p> <p>SPR-25W-3 Connector pin/round post</p> <p>SR54-2L Wire wrap, square post</p> <p>SR54-2LL Wire wrap, square post</p>	<p>SPR-25W Crimp or push-on termination (AMP terminal 60983-1 or equivalent)</p> <p>SPR-25W-1 Solder cup</p> <p>SPR-25W-2 Wire wrap/square post. Vacuum leak rate not to exceed 1 x 10⁻⁴ CFM @ 15 psi</p> <p>SPR-25W-3 Connector pin/round post</p> <p>SR54-2L Wire wrap, square post</p> <p>SR54-2LL Wire wrap, square post</p>

Materials and Finishes

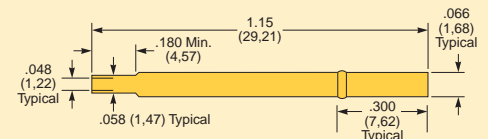
Housing:	Work-hardened nickel silver, gold plated over hard nickel	Work-hardened nickel silver, gold plated over hard nickel
Round Post:	Phosphor bronze, gold plated	Phosphor bronze, gold plated
Square Post:	Phosphor bronze, gold plated	Phosphor bronze, gold plated

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

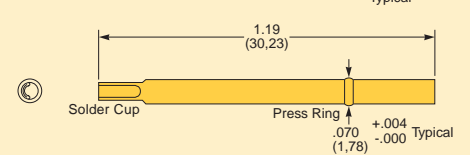
Spring Type	Preload	2/3 Travel
To order, add dash number to Model Number.		
Light	-2 0.70 (20)	2.0 (57)
Standard as shown	-4 1.24 (35)	4.0 (114)
Alternate	-6 1.73 (49)	6.0 (170)
High	-8 2.15 (61)	8.0 (227)
Ultra High	-10 1.87 (53)	10.0 (283)
Super (Available)	-16 3.90 (111)	16.0 (455)

Optional spring forces and materials are available.

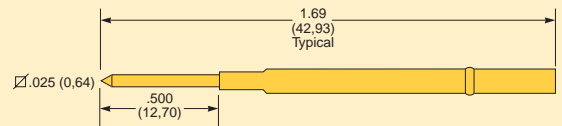
SPR-25W



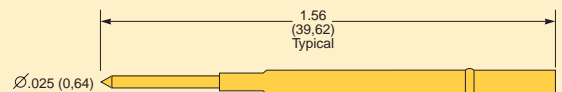
SPR-25W-1



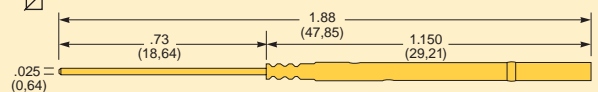
SPR-25W-2 ☒



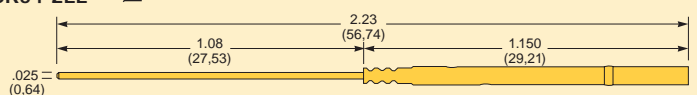
SPR-25W-3 ∅



SR54-2L ☒



SR54-2LL ☒



* See diagrams at left for dimensions