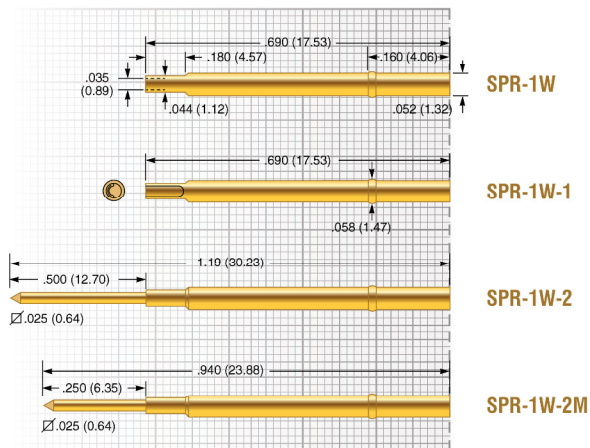


HPA-1 / SPA-1

75 mil (1.91 mm)



Mechanical

Recommended Travel: .067 (1.70)
 Full Travel: .100 (2.54)
 Operating Temperature: -55°C to +150°C

Spring Force in oz. (grams)

	Order Code	Preload	Rec. Travel
Standard		1.14 (32)	2.5 (71)
Alternate	- 1	1.27 (36)	4.5 (128)

Electrical (Static Conditions)

Current Rating: 3 amps
 Average Probe Resistance HPA: < 35 mOhms
 Average Probe Resistance SPA: < 50 mOhms

Materials and Finishes

Plunger HPA: Heat-treated BeCu, Gold plated over hard Nickel
 Plunger SPA: Heat-treated BeCu, Rhodium plated over hard Nickel
 Barrel: Work hardened Phosphor Bronze, Gold plated over hard Nickel
 Spring: Stainless Steel, Silver plated

Receptacle

Hole diameter: Ø .053 to .055 (1.35 to 1.40)
 Suggested drill: #54 or 1.40 mm
 Material Housing: Nickel Silver, Gold plated
 Material Post: Phosphorous Bronze, Gold plated

HPA Tip Style

A	B	C	D	E	F	G
Ø .060 (1.52)	Ø .021 (0.53)	Ø .021 (0.53)	Ø .040 (1.02)	Ø .060 (1.52)	Ø .060 (1.52)	Ø .021 (0.53)
H	J	T				
Ø .060 (1.52)	Ø .021 (0.53)	Ø .057 (1.45)				

SPA Tip Style

A	B	C	D	E	F	G
Ø .060 (1.52)	Ø .021 (0.53)	Ø .021 (0.53)	Ø .040 (1.02)	Ø .060 (1.52)	Ø .060 (1.52)	Ø .021 (0.53)
H	J	T				
Ø .060 (1.52)	Ø .021 (0.53)	Ø .057 (1.45)				

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.

Series	Size	Tip Style	Spring Force
HPA	1	A	1
SPA	1	A	1

