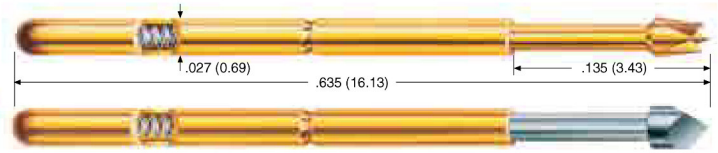


HPA-0 / SPA-0

50 mil (1.27 mm)



Mechanical

Recommended Travel:	.067 (1.70)
Full Travel:	.100 (2.54)
Operating Temperature	
• Standard Spring:	-55°C to +150°C
• Alternate Spring:	-55°C to +105°C

Spring Force in oz. (grams)

	Order Code	Preload	Rec. Travel
Standard		1.20 (34)	2.8 (79)
Alternate	- 1	0.91 (26)	3.7 (105)

Electrical (Static Conditions)

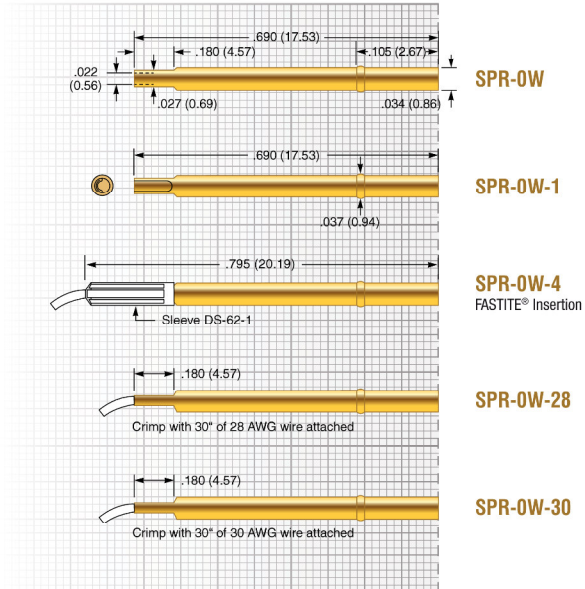
Current Rating:	3 amps
Average Probe Resistance HPA:	< 35 mOhms
Average Probe Resistance SPA:	< 50 mOhms

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	
• Standard:	Stainless Steel, Silver plated
• Alternate:	Music Wire, Silver plated

Receptacle

Hole diameter:	Ø .035 to .0365 (0.89 to 0.93)
Suggested drill:	#64 or 0.92 mm
Material Housing:	Nickel Silver, Gold plated over hard Nickel



HPA Tip Style

A	B	D	F	G12	G21	H
Ø .035 (0.89)	Ø .021 (0.53)	Ø .035 (0.89)	Ø .035 (0.89)	Ø .012 (0.31)	Ø .021 (0.53)	Ø .035 (0.89)
J	L	T				
Ø .021 (0.53)	Ø .035 (0.89)	Ø .035 (0.89)				

SPA Tip Style

A	B	D	G12	G21	H	J
Ø .035 (0.89)	Ø .021 (0.53)	Ø .035 (0.89)	Ø .012 (0.31)	Ø .021 (0.53)	Ø .035 (0.89)	Ø .021 (0.53)
L	T					
Ø .035 (0.89)	Ø .035 (0.89)					

Series	Size	Tip Style	
HPA	0	G12	1
SPA	0	G12	1