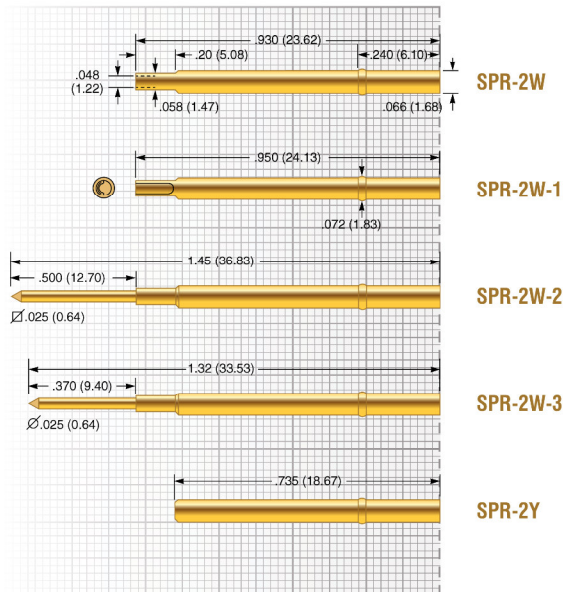


EPA-2 / SPA-2

100 mil (2.54 mm)



Mechanical

Recommended Travel: .107 (2.72)
 Full Travel: .160 (4.06)
 Operating Temperature: -55°C to +105°C

Spring Force in oz. (grams)

	Order Code	Preload	Rec. Travel
Standard		1.24 (35)	3.5 (99)
Alternate	- 1	2.64 (75)	6.5 (184)
Ultra High	- 2	4.41 (125)	10.0 (283)

Electrical (Static Conditions)

Current Rating: 5 amps
 Average Probe Resistance EPA: < 35 mOhms
 Average Probe Resistance SPA: < 50 mOhms

Materials and Finishes

Plunger EPA: 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: Music Wire, Silver plated
 Ball: Stainless Steel, Gold plated

Receptacle

Hole diameter: Ø .067 to .069 (1.70 to 1.75)
 Suggested drill: #51 or 1.70 mm
 Material Housing: Nickel Silver, Gold plated
 Material Post: Phosphorous Bronze, Gold plated

EPA / SPA Tip Style

A	B30	B40	C30	C40	D	E
Ø .075 (1.91)	Ø .030 (0.76)	Ø .040 (1.02)	Ø .030 (0.76)	Ø .040 (1.02)	Ø .050 (1.27)	Ø .075 (1.91)
F	G30	G40	H	J30	J40	L
Ø .075 (1.91)	Ø .030 (0.76)	Ø .040 (1.02)	Ø .075 (1.91)	Ø .030 (0.76)	Ø .040 (1.02)	Ø .050 (1.27)
P	T	X				
Ø .075 (1.91)	Ø .075 (1.91)	Ø .050 (1.27)				

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.

