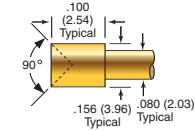
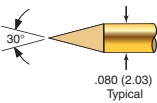


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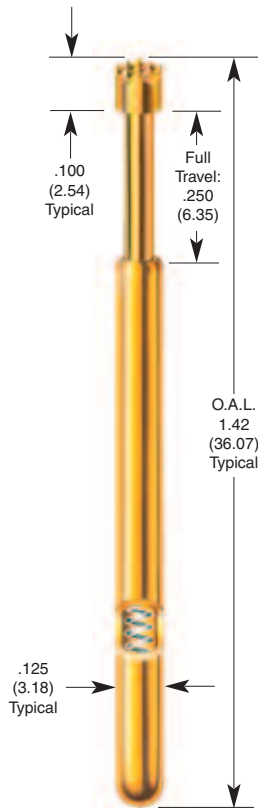
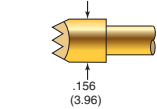
**EPA-5A
SPA-5A**



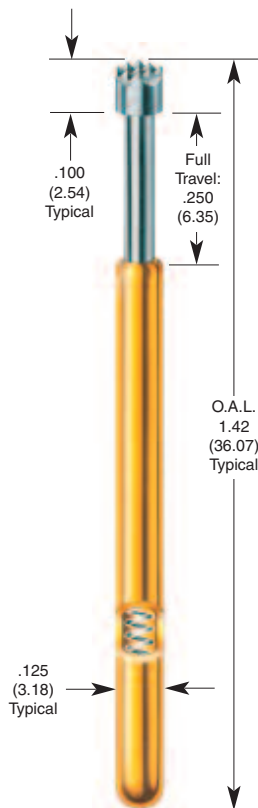
**EPA-5B
SPA-5B**



**EPA-5H
SPA-5H**



EPA-5



SPA-5

Probe Specifications EPA-5 SPA-5

Mechanical	EPA-5	SPA-5
Full Travel:	.250 (6.35)	.250 (6.35)
Recommended Working Travel:	.167 (4.24)	.167 (4.24)
Mechanical Life Exceeds:	2 x 10 ⁶ cycles	2 x 10 ⁶ cycles

Operating Temperature	EPA-5	SPA-5
Light spring:	-55°C to +85°C	-55°C to +85°C
Standard spring:	-55°C to +150°C	-55°C to +150°C
Ultra High spring:	-55°C to +105°C	-55°C to +105°C
Consult factory for other temperature requirements, and applications below -40° C.		

Electrical (Static Conditions)	EPA-5	SPA-5
Current Rating:	8 amps	8 amps
Maximum continuous current, non-inductive at working travel		

Average Probe Resistance	EPA-5	SPA-5
	50 mΩ	50 mΩ

Materials and Finishes	EPA-5	SPA-5
Plunger:	Heat-treated beryllium copper, gold plated over hard nickel	Heat-treated beryllium copper, rhodium plated over hard nickel
Barrel:	Work-hardened nickel silver, gold plated over hard nickel	Work-hardened nickel silver, gold plated over hard nickel
Spring:		
Low:	Beryllium copper, silver plated	Beryllium copper, silver plated
Standard:	Stainless steel, silver plated	Stainless steel, silver plated
Ultra High:	Music wire, silver plated	Music wire, silver plated
Ball:	Brass, gold plated	Brass, gold plated

Receptacle Specifications

Mounting Hole Size:	EPA-5	SPA-5
	.141/.143 (3.58/3.63)	.141/.143 (3.58/3.63)
A 3.6 mm drill is most commonly used.		

Recommended Wire Gauge:	EPA-5	SPA-5
	22-26 AWG	22-26 AWG

Connections:	EPA-5	SPA-5
	SPR-5W Crimp or push-on termination (AMP terminal 42827-2 or equivalent) SPR-5W-1 Solder cup	SPR-5W Crimp or push-on termination (AMP terminal 42827-2 or equivalent) SPR-5W-1 Solder cup

Materials and Finishes	EPA-5	SPA-5
	Work-hardened nickel silver, gold plated over hard nickel	Work-hardened nickel silver, gold plated over hard nickel

Spring Force in oz. (grams)

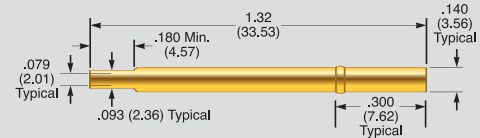
Spring Type	Preload	2/3 Travel
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To order, add dash number to Model Number.

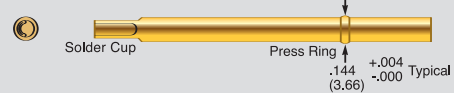
Light	inquire	1.96 (56)	3.5 (99) (SPA only)
Standard	as shown	6.13 (174)	16.0 (454)
Ultra High	inquire	12.90 (366)	48.0 (1360) (SPA only)

Optional spring forces and materials are available.

SPR-5W



SPR-5W-1



General Purpose Probes



Actual Size

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