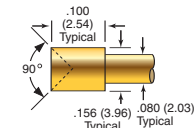
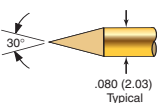


TO ORDER, CALL 909-625-9390

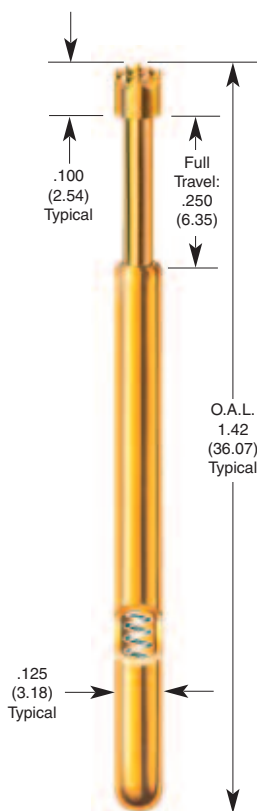
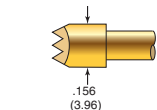
### EPA-5A SPA-5A



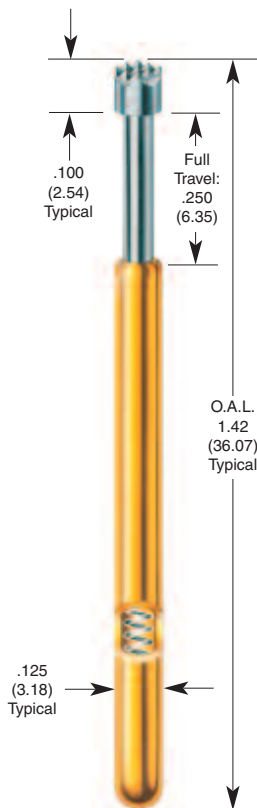
### EPA-5B SPA-5B



### 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 <sup>6</sup> cycles	2 x 10 <sup>6</sup> 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
	<b>SPR-5W</b> Crimp or push-on termination (AMP terminal 42827-2 or equivalent) <b>SPR-5W-1</b> Solder cup	<b>SPR-5W</b> Crimp or push-on termination (AMP terminal 42827-2 or equivalent) <b>SPR-5W-1</b> 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)

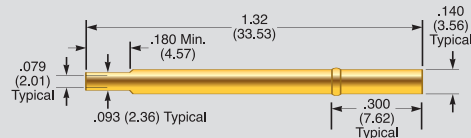
Spring Type	Preload	2/3 Travel
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To order, add dash number to Model Number.

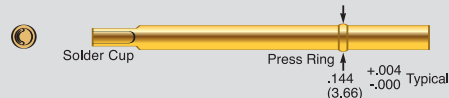
<b>Light</b>	inquire	1.96 (56)	3.5 (99) (SPA only)
<b>Standard</b>	as shown	6.13 (174)	16.0 (454)
<b>Ultra High</b>	inquire	12.90 (366)	48.0 (1360) (SPA only)

Optional spring forces and materials are available.

### SPR-5W



### SPR-5W-1



Actual Size