

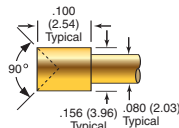
General Purpose Probe

**EPA-5
SPA-5**

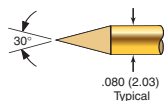
Test Center
.187 (4.75)

Order your ECT Test Probes from ROMEX B.V. via Phone: +31-(0)317-389787, Fax: +31-(0)317-389780 or E-mail: info@romex.nl.

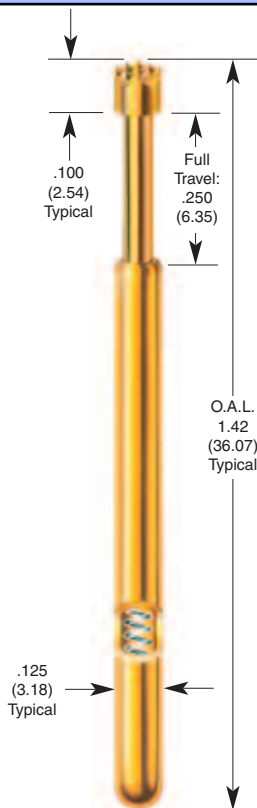
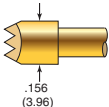
**EPA-5A
SPA-5A**



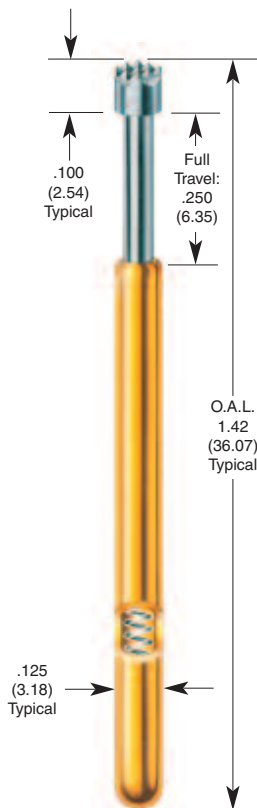
**EPA-5B
SPA-5B**



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



EPA-5



SPA-5

Probe Specifications EPA-5 SPA-5

Mechanical

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

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)

Current Rating:	8 amps	8 amps
Maximum continuous current, non-inductive at working travel		

Average Probe Resistance

50 mΩ	50 mΩ
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Materials and Finishes

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:

.141/.143 (3.58/3.63)	.141/.143 (3.58/3.63)
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A 3.6 mm drill is most commonly used.

Recommended Wire Gauge:

22-26 AWG	22-26 AWG
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Connections:

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

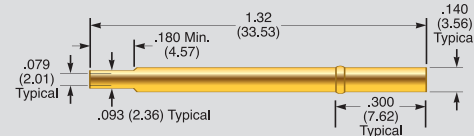
Materials and Finishes

Work-hardened nickel silver, gold plated over hard nickel	Work-hardened nickel silver, gold plated over hard nickel
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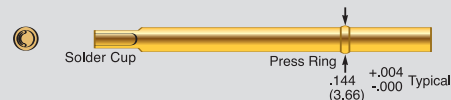
Spring Force in oz. (grams)

Spring Type	Preload	2/3 Travel
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