

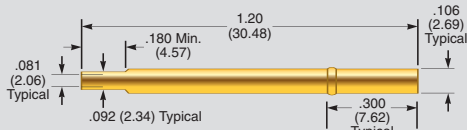
TO ORDER, CALL 909-625-9390

| Probe Specifications | EPA-4 | SPA-4 |
|--|---|---|
| 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 | | |
| Standard spring: | -55°C to +85°C | -55°C to +85°C |
| Alternate/Ultra High spring: | -55°C to +150°C | -55°C to +150°C |
| Consult factory for other temperature requirements, and applications below -40° C. | | |
| Electrical (Static Conditions) | | |
| Current Rating: | 7 amps | 7 amps |
| Maximum continuous current, non-inductive at working travel | | |
| Average Probe Resistance | 50 mΩ | 50 mΩ |
| 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: | | |
| Standard: | Beryllium copper, silver plated | Beryllium copper, silver plated |
| Alternate: | Stainless steel, silver plated | Stainless steel, silver plated |
| Ultra High: | Stainless steel | Stainless steel |
| Ball: | Brass, gold plated | Brass, gold plated |
| Receptacle Specifications | | |
| Mounting Hole Size: | .107/.109 (2.72/2.77) | .107/.109 (2.72/2.77) |
| A 2.75 mm drill is most commonly used. | | |
| Recommended Wire Gauge: | 22-26 AWG | 22-26 AWG |
| Connections: | SPR-4W Crimp or push-on termination (AMP terminal 61260-1 or equivalent) SPR-4W-1 Solder cup SPR-4W-2 Wire wrap/square post. SPR-4Y Push-on termination (AMP terminal 60908-1 or equivalent) | SPR-4W Crimp or push-on termination (AMP terminal 61260-1 or equivalent) SPR-4W-1 Solder cup SPR-4W-2 Wire wrap/square post. SPR-4Y Push-on termination (AMP terminal 60908-1 or equivalent) |
| Materials and Finishes | | |
| Housing: | Work-hardened nickel silver, gold plated over hard nickel | Work-hardened nickel silver, gold plated over hard nickel |
| Square Post: | Phosphor bronze, gold plated | Phosphor bronze, gold plated |

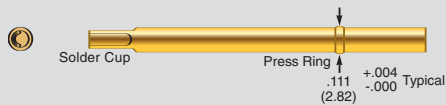
| Spring Force in oz. (grams) | | |
|-----------------------------|-----------|-----------------------|
| Spring Type | Preload | 2/3 Travel |
| Standard as shown | 2.2 (62) | 4.8 (136) |
| Alternate -1 | 3.2 (90) | 6.9 (196) |
| Ultra High inquire | 6.7 (190) | 11.8 (335) (SPA only) |

To order, add dash number to Model Number.
 Optional spring forces and materials are available.

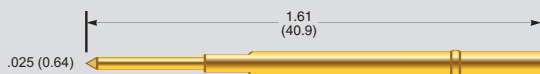
SPR-4W



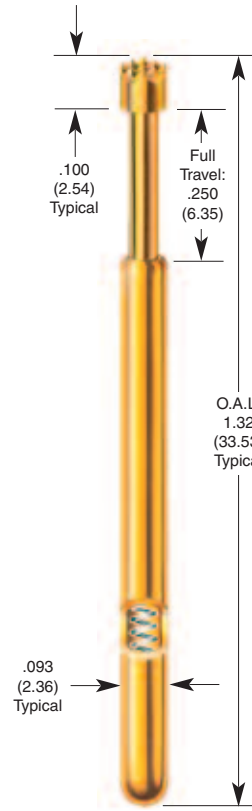
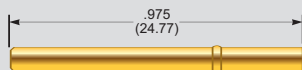
SPR-4W-1



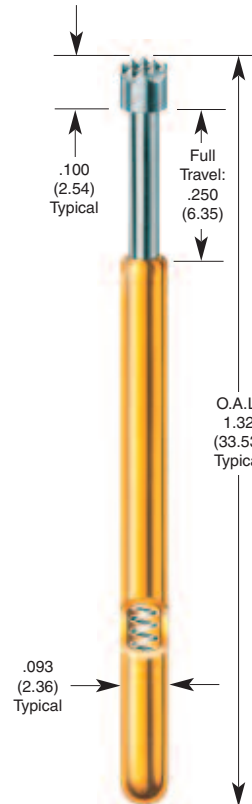
SPR-4W-2



SPR-4Y

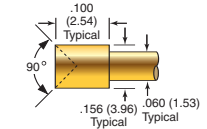


EPA-4

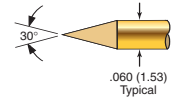


SPA-4

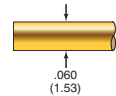
**EPA-4A
 SPA-4A**



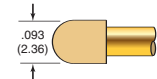
**EPA-4B
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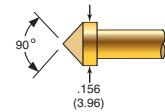
**EPA-4C
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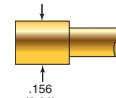
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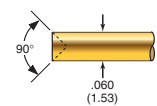
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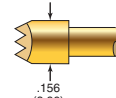
**EPA-4F
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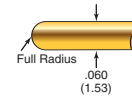
**EPA-4G
 SPA-4G**



**EPA-4H
 SPA-4H**



**EPA-4J
 SPA-4J**



General Purpose Probes



Actual Size

Other applications:

Dimensions in inches (millimeters)

Note: EPA tips shown for reference.