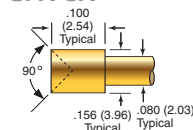
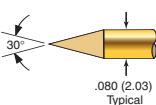


TO ORDER, CALL 909-625-9390

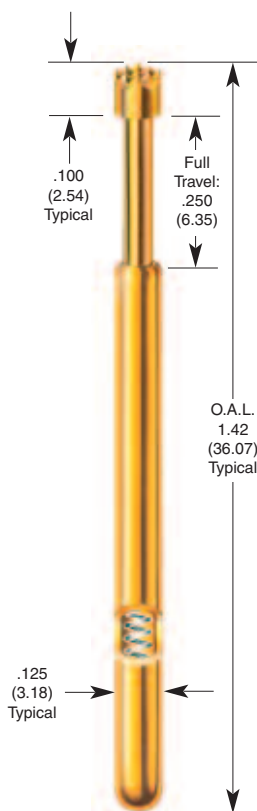
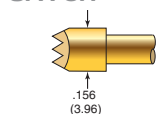
EPA-5A SPA-5A



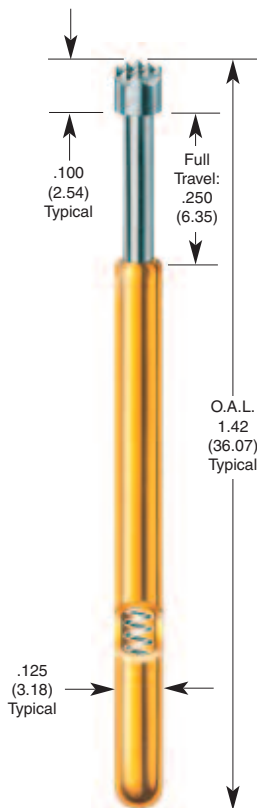
EPA-5B SPA-5B



EPA-5H SPA-5H



EPA-5



SPA-5

Probe Specifications EPA-5

Mechanical

Full Travel: .250 (6.35)
Recommended Working Travel: .167 (4.24)
Mechanical Life Exceeds: 2 x 10⁶ cycles

Operating Temperature

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

Electrical (Static Conditions)

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

Average Probe Resistance

50 mΩ

Materials and Finishes

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

Receptacle Specifications

Mounting Hole Size:

.141/.143 (3.58/3.63)

A 3.6 mm drill is most commonly used.

Recommended Wire Gauge:

22-26 AWG

Connections:

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

Materials and Finishes

Work-hardened nickel silver, gold plated over hard nickel

Spring Force in oz. (grams)

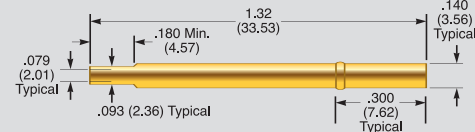
Spring Type Preload 2/3 Travel

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

