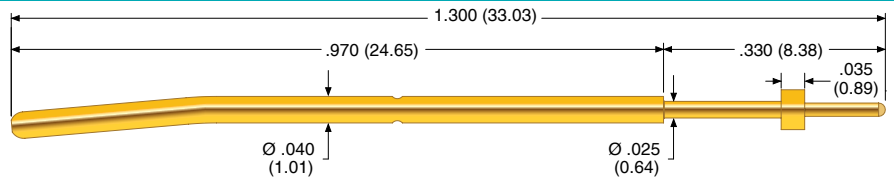


STP-1

75 mil (1.91 mm)



Mechanical

Recommended Travel: .120 (3.05)
 Full Travel: min. .135 (3.43)
 Operating Temperature: -55°C to +150°C

Spring Force in oz. (grams)

Order Code	Preload	Rec. Travel
Standard	1.5 (43)	2.9 (82)

Electrical (Static Conditions)

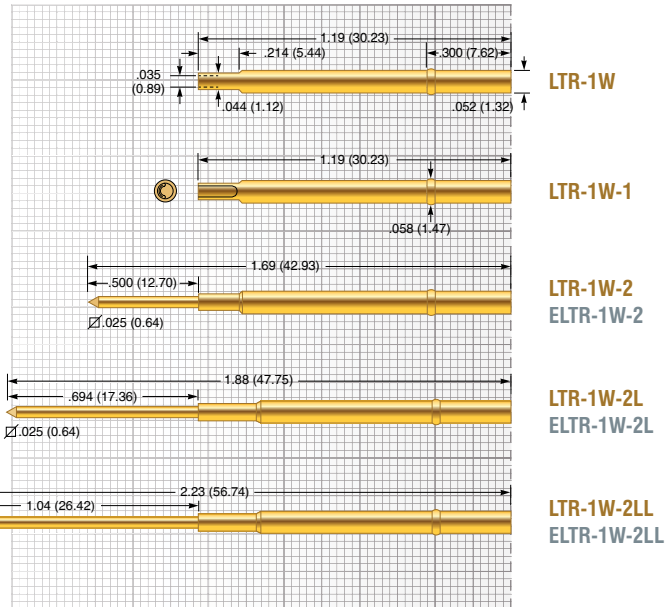
Current Rating: 3 amps
 Average Probe Resistance: <35 mOhms

Materials and Finishes

Plunger: Heat-treated BeCu, Gold plated over hard Nickel or Rhodium plated
 Barrel: Work-hardened Phosphorous Bronze, Gold plated over hard Nickel
 Spring: Stainless Steel, Silver plated

Receptacle

Hole diameter: Ø .053 to .055 (1.35 to 1.40)
 Suggested drill: #54 or 1.40 mm
 Material
 • LTR Housing: Work-hardened Nickel Silver, Gold plated over hard Nickel
 • ELTR Housing: Nickel Silver, unplated
 Post: Phosphorous Bronze, Gold plated



Gold plated Tip Style

J120-3G	J140-3G	J160-3G		
Ø .020 (0.51)	Ø .020 (0.51)	Ø .020 (0.51)		

Rhodium plated Tip Style

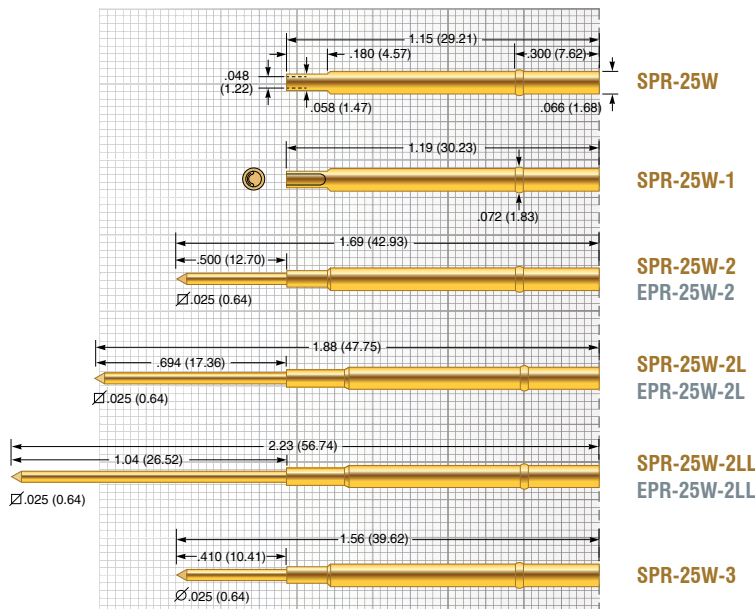
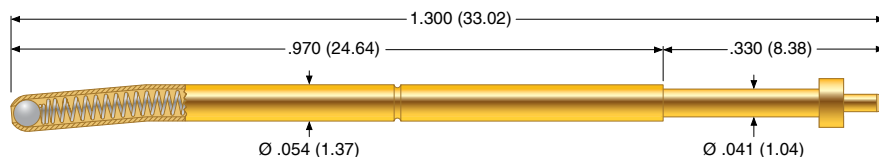
J120-3R	J140-3R	J160-3R		
Ø .020 (0.51)	Ø .020 (0.51)	Ø .020 (0.51)		

Series	Size	Tip Style	Plating	
STP	1	J120	3G	Gold
STP	1	J120	3R	Rhodium



STP-25

100 mil (2.54 mm)



Mechanical

Recommended Travel: .120 (3.05)
 Full Travel: min. .135 (3.43)
 Operating Temperature: -55°C to +150°C

Spring Force in oz. (grams)

	Preload	Rec. Travel
STP-25	1.5 (43)	2.9 (82)

Electrical (Static Conditions)

Current Rating: 5 amps
 Average Probe Resistance: <35 mOhms

Materials and Finishes

Plunger: Heat-treated BeCu, Gold plated over hard Nickel or Rhodium plated
 Barrel: Work-hardened Nickel Silver, Gold plated
 Spring: Stainless Steel, Silver plated

Receptacle

Hole diameter: Ø .067 to .069 (1.70 to 1.75)
 Suggested drill: #51 or 1.70 mm

Material

- SPR Housing: Work-hardened Nickel Silver, Gold plated over hard Nickel
 - EPR Housing: Nickel Silver, unplated
- Post: Phosphorous Bronze, Gold plated

Gold plated Tip Style

Gold plated Tip Style				
C060-3G				
Ø .030 (0.76)				
J060-3G	J080-3G	J100-3G	J140-3G	J160-3G
Ø .025 (0.64)	Ø .025 (0.64)	Ø .025 (0.64)	Ø .025 (0.64)	Ø .025 (0.64)

Rhodium plated Tip Style

Rhodium plated Tip Style				
C060-3R				
Ø .030 (0.76)				
J060-3R	J080-3R	J100-3R	J140-3R	J160-3R
Ø .025 (0.64)	Ø .025 (0.64)	Ø .025 (0.64)	Ø .025 (0.64)	Ø .025 (0.64)

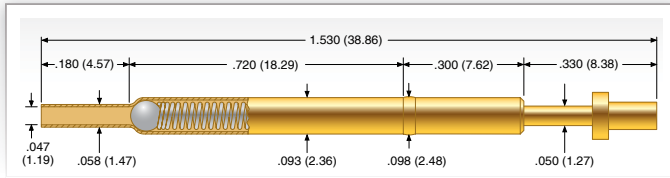
Dimensions in inches (millimeters). Specifications subject to change without notice. Consult factory for other temperature requirements, and applications below -40°C. Stocking Disclaimer: Stocking levels for part numbers listed in this catalog are subject to change. Availability is based on current levels of usage and demand.



	Series	Size	Tip Style	Plating
Gold	STP	25	J100	3G
Rhodium	STP	25	J100	3R

SPL-03

125 mil (3.18 mm)



Mechanical

Recommended Travel:

- SPL-03C-114 / -153 .127 (3.23)
- SPL-03C-090 .220 (5.59)

Operating Temperature

- SPL-03C-090 -55°C to +105°C
- SPL-03C-114 / -153 -55°C to +85°C

Spring Force in oz. (grams)

	Preload	Rec. Travel
SPL-03C-090	0.8 (23)	2.3 (65)
SPL-03C-114	1.7 (48)	4.0 (113)
SPL-03C-153	1.6 (45)	4.0 (113)

Electrical (Static Conditions)

Current Rating: 6 amps
Average Probe Resistance: < 50 mOhms

Materials and Finishes

Plunger: Heat-treated BeCu, Gold plated over hard Nickel
Heat-treated BeCu, Rhodium plated over hard Nickel
Barrel: Work-hardened Phosphor Bronze or Nickel Silver, Gold plated over hard Nickel
Spring: Music Wire, Silver plated or BeCu, Silver plated
Ball: Hardened Brass or hardened Brass, Gold plated

Mounting Options

Hole diameter: Ø .094 to .096 (2.39 to 2.44)
Recommended wire gauge: 22-26 AWG
Recommended drill size: #41 or 2.40 mm

Gold plated Tip Style

C-090	C-114		
Ø .030 (0.76)	Ø .070 (1.78)		

Rhodium plated Tip Style

C-153			
Ø .060 (1.52)			

Series	Size	Tip Style
SPL	25	J-372
SPL	03	C-090