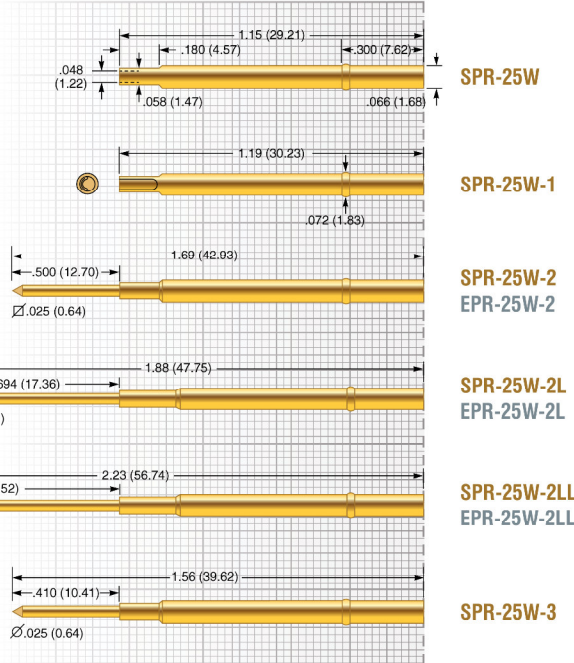


# BTP-25

100 mil (2.54 mm)



**Mechanical**

Recommended Travel: .167 (4.24)  
 Full Travel: .250 (6.35)  
 Operating Temperature: -55°C to +150°C

**Spring Force in oz. (grams)**

	Order Code	Preload	Rec. Travel
Light	- 2	0.75 (21)	2.0 (57)
Standard	- 4	1.50 (43)	4.0 (114)
Alternate	- 6.5	2.65 (75)	6.5 (184)
High	- 8	2.55 (72)	8.0 (227)
Ultra High	- 10	1.77 (50)	10.0 (283)

**Electrical (Static Conditions)**

Current Rating: 8 amps  
 Average Probe Resistance: < 8 mOhms

**Materials and Finishes**

Plunger: High performance alloy  
 LFRE proprietary plating  
 Barrel: Work hardened Phosphor Bronze,  
 Gold plated over hard Nickel  
 Spring: Stainless Steel  
 Ball: Stainless Steel

**Receptacle**

Hole diameter: Ø .067 to .069 (1.70 to 1.75)  
 Suggested drill: #51 or 1.75 mm  
 Material  
 • SPR Housing: Nickel Silver, Gold plated  
 • EPR Housing: Nickel Silver, unplated  
 Post: Phosphorous Bronze, Gold plated

**Tip Style**

C	F	HF	HL			
Ø .035 (0.89)	Ø .060 (1.52)	Ø .035 (0.89)	Ø .060 (1.52)			

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	Spring Force
BTP	25	C	10

