LFLT-25

100 mil (2.54 mm)

Mechanical

Recommended Travel:	.315 (8.00)
Full Travel:	
• Standard Spring:	.400 (10.16)
• Elevated Spring:	.400 (10.16)
• High Spring:	.400 (10.16)
• Ultra High Spring:	.350 (8.89)
Operating Temperature	
• Standard Spring:	-55°C to +105°C
• Alternate Spring:	-55°C to +105°C
• High Spring:	-55°C to +105°C
• Ultra High Spring:	-55°C to +150°C

Spring Force in oz. (grams)

	Order Code	Preload	Rec. Travel
Standard	- 4	1.08 (31)	4.0 (114)
Alternate	- 6	0.99 (28)	6.0 (170)
High	- 8	0.75 (21)	8.0 (227)
Ultra High	- 9.7	1.16 (33)	9.7 (275)

Electrical (Static Conditions)

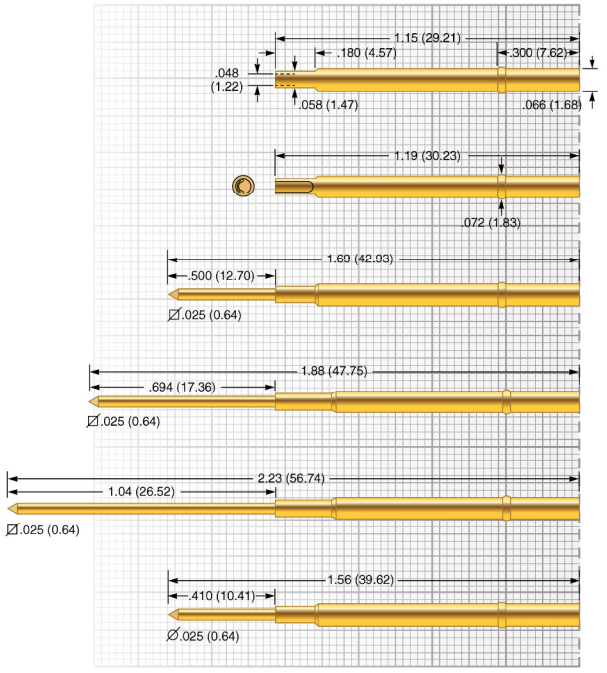
Current Rating:	8 amps
Average Probe Resistance:	<8 mOhms

Materials and Finishes

Plunger:	High performance alloy LFRE propriatary plating
Barrel:	Work hardened Phosphor Bronze, LFRE proprietary plating
Spring	
• Standard:	Music Wire
• Alternate:	Music Wire
• High:	Music Wire
• Ultra High:	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 (ADDITIONAL TIPS AVAILABLE)

H	I15	I40	J	L	T	
H=.060(1.52)	I15=.033(0.84)	I40=.033 (0.84)	J= .034 (0.86)	L=.050 (1.27)	T=.060 (1.52)	
						

Series	Size	Tip Style	Spring Force
LFLT	25	I40	6

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.