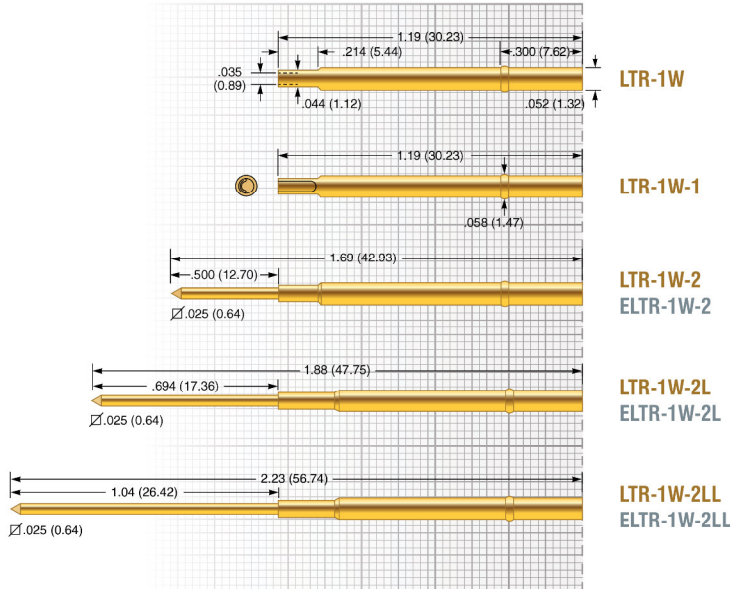


# LFRE-1

75 mil (1.91 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	0.72 (20)	2.0 (57)
Standard	- 4	0.62 (18)	4.0 (114)
Alternate	- 6	2.39 (68)	6.0 (170)
Elevated	- 7	1.68 (48)	7.0 (198)
High	- 8	1.73 (49)	8.0 (227)
Ultra High	-10	2.84 (81)	10.0 (283)

**Electrical (Static Conditions)**

Current Rating: 6 amps  
 Average Probe Resistance: <10 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 .053 to .055 (1.35 to 1.40)  
 Suggested drill: #54 or 1.40 mm  
 Material  
 • LTR Housing: Nickel Silver, Gold plated  
 • ELTR Housing: Nickel Silver, unplated  
 Post: Phosphorous Bronze, Gold plated

**Tip Style** (ADDITIONAL TIPS AVAILABLE)

A	B	H	I	I8	I15	I35
Ø .047 (1.19)	Ø .022 (0.56)	Ø .047 (1.19)	Ø .022 (0.56)	Ø .020 (0.51)	Ø .021 (0.53)	Ø .022 (0.56)
I40	J	L	L18	L24	T	T1
Ø .021 (0.53)	Ø .022 (0.56)	Ø .033 (0.84)	Ø .018 (0.46)	Ø .022 (0.56)	Ø .047 (1.19)	Ø .022 (0.56)
T24	T30	UN	V	Z	Z1	
Ø .022 (0.56)	Ø .022 (0.56)	Ø .021 (0.53)	Ø .047 (1.19)	Ø .047 (1.19)	Ø .038 (0.97)	



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
LFRE	1	A	7

