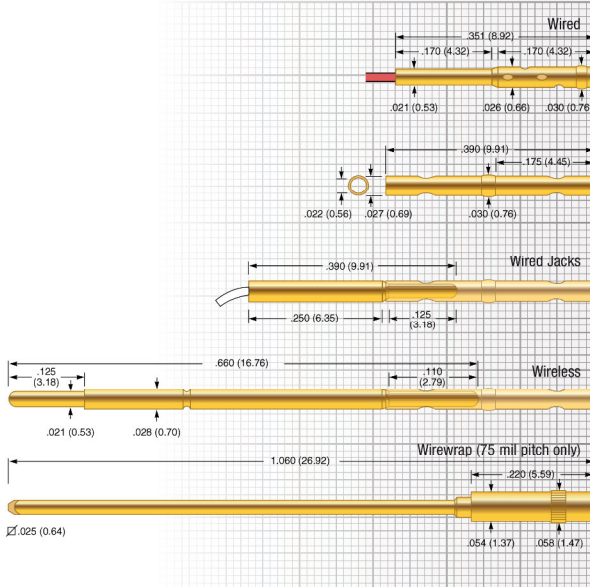
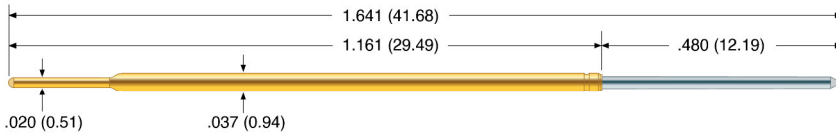


MXLT-50
50 mil (1.27 mm)



STT-80W

HPR-40W

HPR-40T with HPR-40W

HPA-40 with HPR-40W

ECR-1W-2

Tip Style

B	I8	I15	L	L24	T	T24
$\varnothing .022 (0.56)$	$\varnothing .020 (0.51)$	$\varnothing .020 (0.51)$	$\varnothing .040 (1.02)$	$\varnothing .022 (0.56)$	$\varnothing .047 (1.19)$	$\varnothing .022 (0.56)$



T30

$\varnothing .022 (0.56)$



Mechanical

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

Spring Force in oz. (grams)

	Order Code	Preload	Rec. Travel
Standard	- 4.5	1.09 (31)	4.5 (128)
Alternate	- 7	0.75 (21)	7.0 (198)
High	- 9.6	1.50 (43)	9.6 (272)

Electrical (Static Conditions)

- Current Rating: 6 amps
- Average Probe Resistance: <math>< 10 \text{ m}\Omega</math>

Materials and Finishes

- Plunger: High performance alloy
LFRE proprietary plating
- Barrel: BeCu, Gold plated over hard Nickel
- Spring:
 - Standard: Music Wire
 - Alternate: Stainless Steel
 - High: Music Wire
- Ball: Stainless Steel

Receptacle

- Hole diameter: $\varnothing .029 (0.75)$
- Suggested drill: #69 or 0.75 mm
- Recommended wire gauge: 28-30 AWG
- Material Housing:
 - HPR-40T: Nickel Silver, Gold plated
 - HPR-40W: BeCu, Gold plated
 - STT: BeCu, Gold plated



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
MXLT	50	B	9.6

