

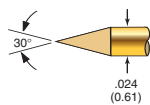
High-Performance Long Travel Probe

LTP-1

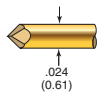
Test Center
.075 (1.91)

Order your ECT Test Probes from ROMEX B.V. via Phone: +31-(0)317-389787, Fax: +31-(0)317-389780 or E-mail: info@romex.nl.

LTP-1B



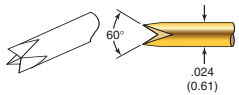
LTP-1I8



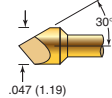
LTP-1L



LTP-1L24



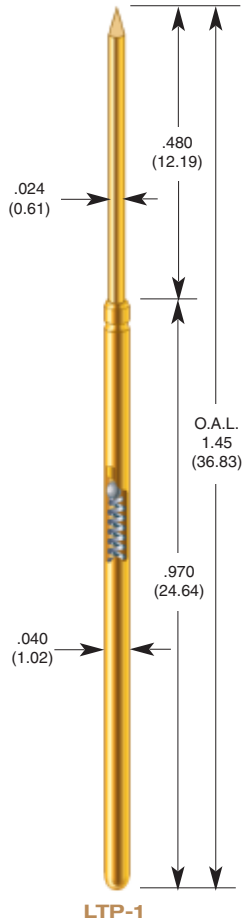
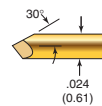
LTP-1T



LTP-1T24



LTP-1T30



LTP-1

Probe Specifications LTP-1

Mechanical

Full Travel: .400 (10.16)
Recommended Working Travel: .317 (8.05)

Operating Temperature

-55°C to +105°C
Consult factory for other temperature requirements, and applications below -40° C.

Electrical (Static Conditions)

Current Rating: 6 amps
Maximum continuous current, non-inductive at working travel

Average Probe Resistance

10 mΩ

Materials and Finishes

Plunger: Heat-treated beryllium copper, gold-plated over hard nickel
Barrel: Work-hardened phosphor bronze, HPA-GOLD™ plated (I.D. and O.D.) over hard nickel
Spring: Music wire
Ball: Stainless steel

Receptacle Specifications

Mounting Hole Size: .053/.055 (1.35/1.40)

Recommended Wire Gauge: 24-28 AWG

Connections:

LTR-1W Crimp
LTR-1W-1 Solder cup
LTR-1W-2 Wire wrap/square post. Vacuum leak rate not to exceed 1 x 10⁻⁴ CFM @ 15 psi

Materials and Finishes

Housing: Work-hardened nickel silver, gold plated over hard nickel
Square Post: Phosphor bronze, gold plated

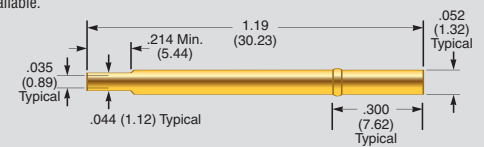
Spring Force in oz. (grams)

Spring Type	Preload	2/3 Travel
Standard	-4.5 1.29 (36.6)	4.5 (128)
Alternate	-9.6 1.50 (42.5)	9.6 (272)

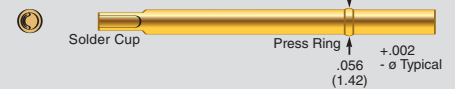
To order, add dash number to Model Number.

Optional spring forces and materials are available.

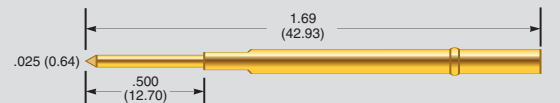
LTR-1W



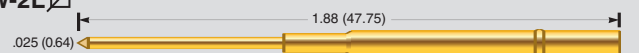
LTR-1W-1



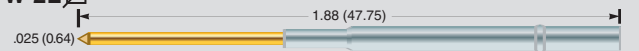
LTR-1W-2



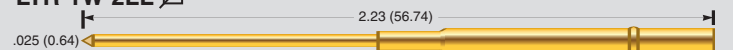
LTR-1W-2L



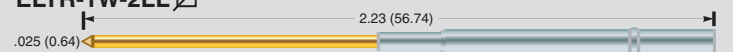
ELTR-1W-2L



LTR-1W-2LL



ELTR-1W-2LL



Loaded PCB Test Probes

Actual
Size