

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.

Probe Specifications MTX-39

Mechanical

Full Travel: .250 (6.4)
Recommended Working Travel: .167 (4.2)

Operating Temperature

-55°C to +105°C
6oz Spring -55°C to +150°C

Consult factory for other temperature requirements, and applications below -40° C.

Electrical (Static Conditions)

Current Rating: 3 amps
maximum continuous current, non-inductive at working travel

Average Probe Resistance 15mΩ

Materials and Finishes

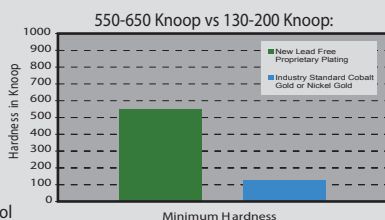
Plunger: High performance alloy,
LFRE proprietary plating
Barrel: Beryllium Copper, Gold Plated
Spring 4oz: Music Wire
Spring 6oz: Stainless Steel
Spring 7oz: Music Wire
Ball: Stainless Steel

Plating

LFRE proprietary plating

Tools

Metrix Insertion tool (for maintenance)
00245001
Metrix extraction tool (for maintenance)
00245301
Metrix Insertion tool
RIT-80-0
HPR-40T terminal with wire insertion tool
FIT-1



Receptacle Specifications

Mounting Hole Size: .029(0.75)

Recommended Wire Gauge 28-30 AWG

Connections:

ECR-80W/HPA-40T Crimp/for plug-in connection
STT-80W
HPA-40 / ECR-80W

Materials and Finishes

HPR-40T Work hardened nickel silver, HPA-GOLD™ plated
(I.D. and O.D.) over hard nickel
ECR-80W/STT-80W BeCu gold plated

Spring Force in oz. (grams)

Spring Type	Preload	@.167" Travel
Standard	-4	1.02(28.9)
Alternate	-6	0.66(18.7)
Elevated	-7	1.17(33.2)

Optional spring forces and materials are available.

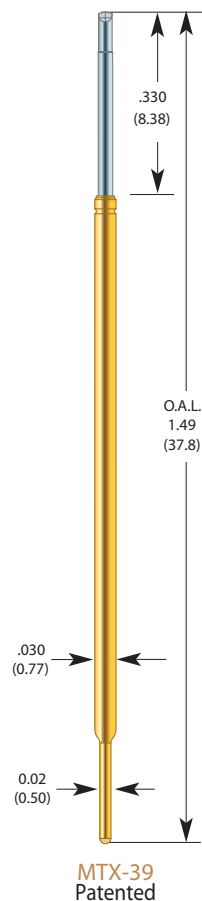
Wire Jacks



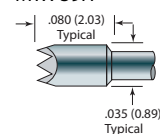
Wired



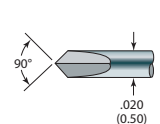
Wireless



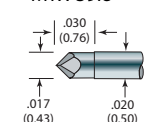
MTX-39H



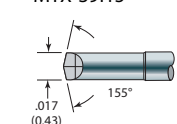
MTX-39I



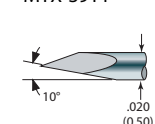
MTX-39I8



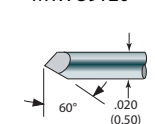
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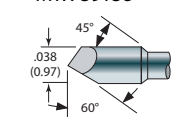
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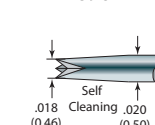
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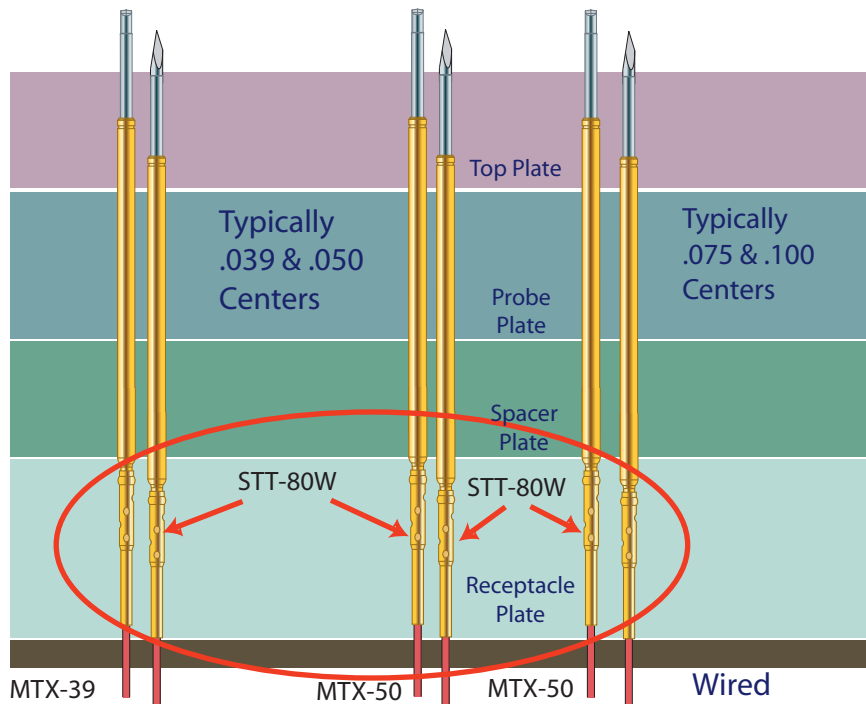
MTX-39T38



MTX-39U



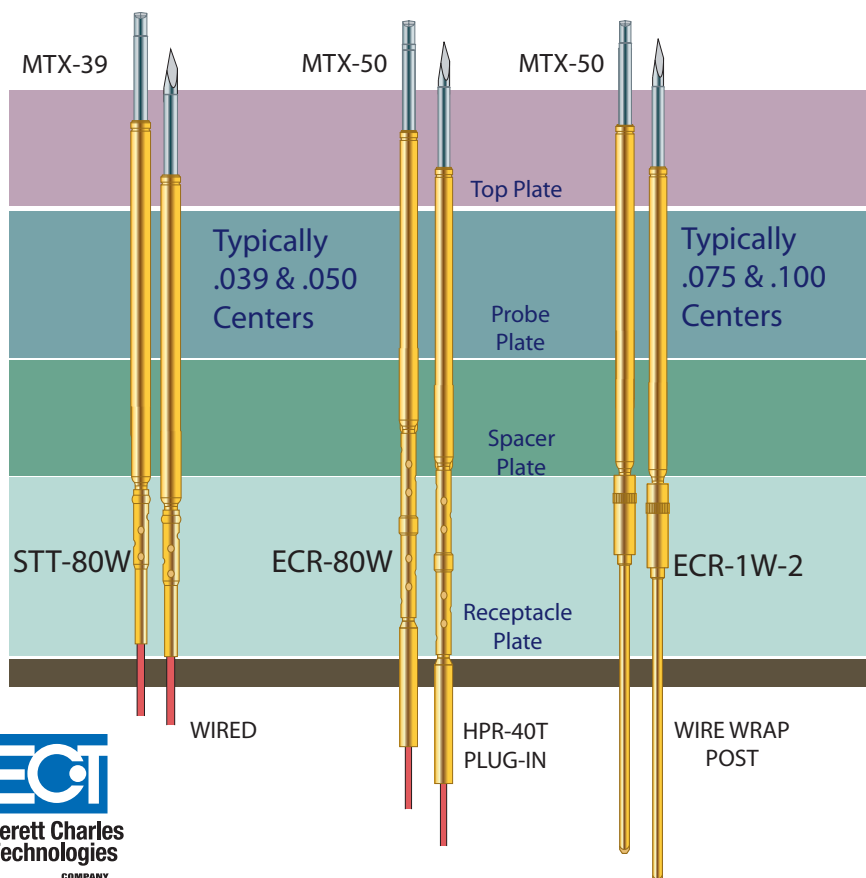
Flexible Terminations *CAN USE ONE SOCKET FOR ALL*



MTX Summary

- Detent configuration provides solid retention
- Single, pre terminated receptacle for all centers when using STT 80W
- Probe flexibility retained for guided top plate
- Reduced center probing technology
- Two probe sizes cover 1mm centers & up
- Bias Ball probe design
- "Wireless" configuration available through HPA-40 product line

Sample MTX Terminations



MTX-39 [WIRELESS]

