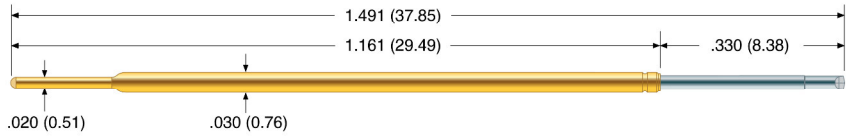


# MTX-39

39 mil (1.00 mm)



### Mechanical

- Recommended Travel: .167 (4.24)
- Full Travel: .250 (6.35)
- Operating Temperature:
  - Standard Spring: -55°C to +105°C
  - Alternate Spring: -55°C to +150°C
  - Elevated Spring: -55°C to +105°C

### Spring Force in oz. (grams)

	Order Code	Preload	Rec. Travel
<b>Standard</b>	- 4	1.02 (29)	4.0 (113)
<b>Alternate</b>	- 6	2.15 (61)	6.0 (170)
<b>Elevated</b>	- 7	1.17 (33)	7.0 (198)

### Electrical (Static Conditions)

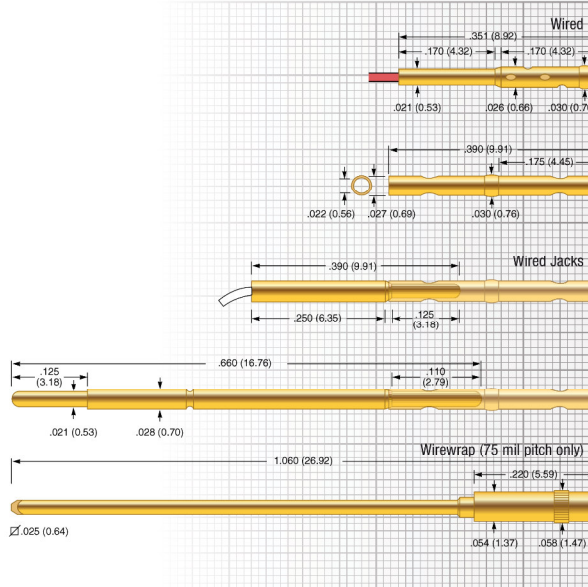
- Current Rating: 3 amps
- Average Probe Resistance: < 15 mOhms

### Materials and Finishes

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

### Receptacle

- Hole diameter: Ø .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



STT-80W

HPR-40W

HPR-40T with HPR-40W

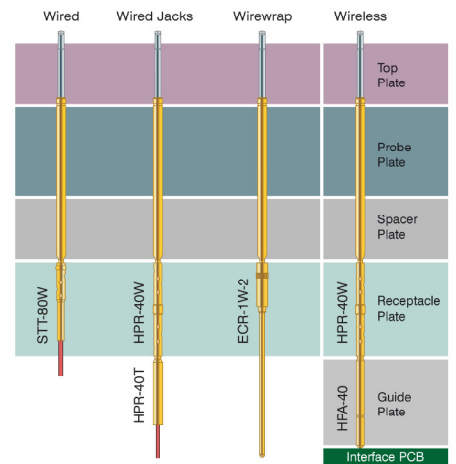
HPA-40 with HPR-40W

ECR-1W-2

### Tip Style

H	I	I8	I15	I40	T1	T20
Ø .035 (0.89)	Ø .019 (0.48)	Ø .017 (0.43)	Ø .017 (0.43)	Ø .017 (0.43)	Ø .019 (0.48)	Ø .019 (0.48)
T38	U					
Ø .038 (0.97)	Ø .019 (0.48)					

### Termination Example



# Metrix™

### Metrix Summary

- Unified receptacles across all test center spacing
- Large variety of tips and receptacles
- Proprietary LFRE plunger plating
- Bias ball design

