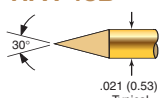
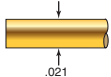


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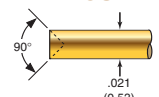
**HPA-40B**



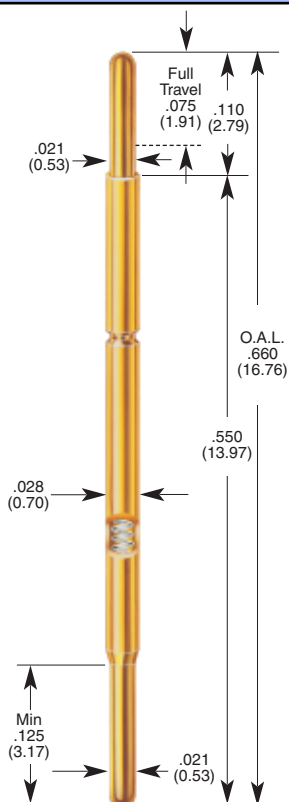
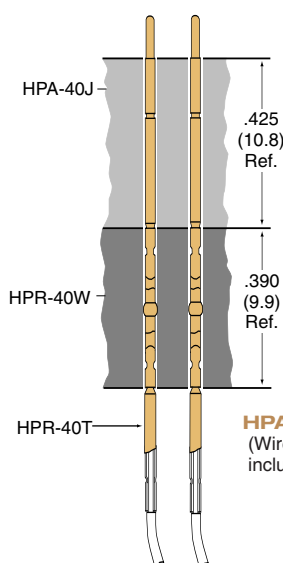
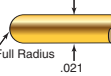
**HPA-40C**



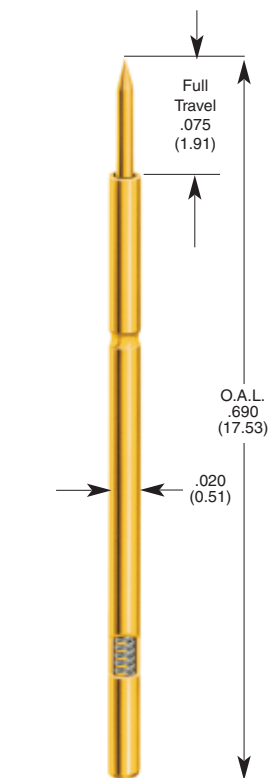
**HPA-40G**



**HPA-40J**

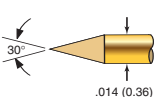


**HPA-40**

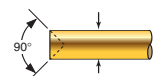


**MEP-30**

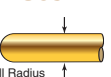
**MEP-30B**



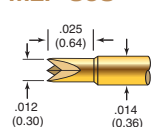
**MEP-30G**



**MEP-30J**



**MEP-30U**



## Probe Specifications

### Mechanical

Full Travel:	.075 (1.91)	.075 (1.91)
Recommended Working Travel:	.050 (1.27)	.050 (1.27)
Mechanical Life Exceeds:	1 x 10 <sup>6</sup> cycles	1 x 10 <sup>6</sup> cycles

### Operating Temperature

-55°C to +150°C	-55°C to +105°C
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Consult factory for other temperature requirements, and applications below -40° C.

### Electrical (Static Conditions)

Current Rating:	2 amps	2 amps
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Maximum continuous current, non-inductive at working travel

### Average Probe Resistance

35 mΩ	50 mΩ
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### Materials and Finishes

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

## Receptacle Specifications

### Mounting Hole Size:

.0285/.0295 (0.72/0.75) A #69 or 0.75 mm drill is most commonly used.	.0265/.0276 (0.67/0.70) A 0.70 mm drill is most commonly used.
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### Recommended Wire Gauge:

28-30 AWG	30 AWG
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### Connections:

<b>HPR-40W</b> Crimp <b>HPR-40T</b> for plug-in connection	<b>HPR-30W</b> Crimp (To order with 30 inches of 30 AWG wire attached, add -30 to model number.)
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### Materials and Finishes

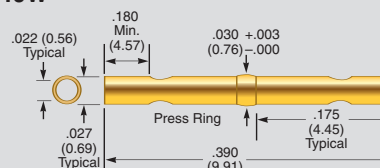
Work-hardened nickel silver, HPA-GOLD™ plated (I.D. and O.D.) over hard nickel	Heat-treated beryllium copper, HPA-GOLD™ plated (I.D. and O.D.) over hard nickel
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## Spring Force in oz. (grams)

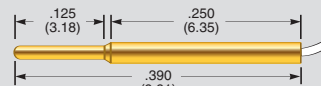
Spring Type	Preload	2/3 Travel
<b>HPA-40</b> as shown	.79 (22)	1.75 (49)
<b>MEP-30</b> as shown	.39 (11)	1.39 (39)

Optional spring forces and materials are available.

## HPR-40W



## HPR-40T



## HPR-30W

