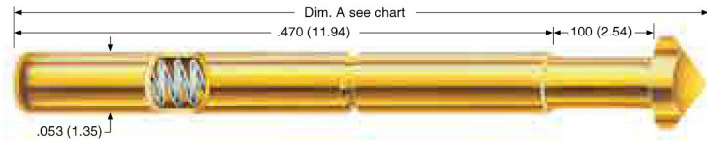


## HPA-74

100 mil (2.54 mm)



### Mechanical

Recommended Travel:	.075 (1.91)
Full Travel:	.100 (2.54)
Operating Temperature	
• Standard Spring:	-55°C to +150°C
• Alternate Spring:	-55°C to +105°C

### Spring Force in oz. (grams)

	Order Code	Preload	Rec. Travel
<b>Standard</b>		1.76 (50)	3.0 (85)
<b>Alternate</b>	- 1	2.82 (80)	5.0 (141)

### Electrical (Static Conditions)

Current Rating:	3 amps
Average Probe Resistance:	<35 mOhms

### Materials and Finishes

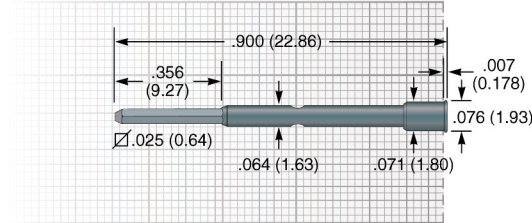
Plunger:	Heat-treated BeCu, Gold plated over hard Nickel
Barrel:	Work hardened Phosphor Bronze, Gold plated over hard Nickel
Spring	
• Standard:	Stainless Steel, Silver plated
• Alternate:	Music Wire, Silver plated

### Probe Overall Length

Model No.	Overall Length (Dim. A)
<b>HPA-74...</b>	.570 (14.48)
<b>HPA-74B</b>	.598 (15.19)
<b>HPA-74C</b>	.586 (14.88)

### Receptacle

Hole diameter:	∅ .067 to .069 (1.70 to 1.75)
Suggested drill:	#51 or 1.70 mm
Material:	Nickel Silver alloy



EPR-74W-2

### HPA Tip Style

A	B	C	E	T65	T75
∅ .080 (2.03)	∅ .041 (1.04)	∅ .041 (1.04)	∅ .080 (2.03)	∅ .065 (1.65)	∅ .075 (1.91)
T80	T135	T156			
∅ .080 (2.03)	∅ .135 (3.43)	∅ .156 (3.96)			

