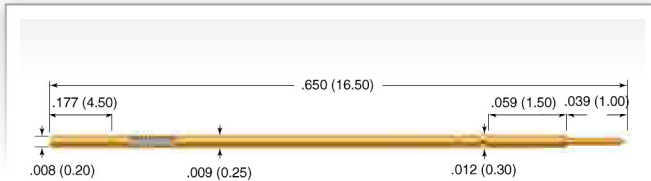


## MEPJ-21

18 mil (0.45 mm)



### Mechanical

Recommended Travel:	.026 (0.67)
Full Travel:	.039 (1.00)
Operating Temperature:	-55°C to +105°C

### Spring Force in oz. (grams)

	Preload	Rec. Travel
Standard	.18 (5)	.53 (15)

### Electrical (Static Conditions)

Current Rating:	2 amps
Average Probe Resistance:	<150 mOhms

### Materials and Finishes

Plunger:	Heat-treated Steel, Gold plated
Barrel:	Phosphor Bronze, Gold plated
Spring:	Music Wire, Gold plated

### Mounting

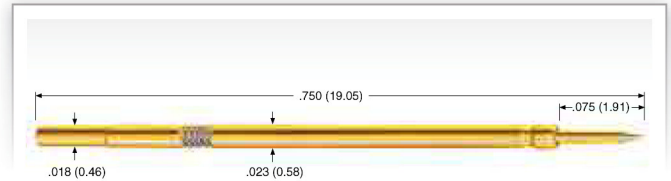
Hole diameter:	∅ .0102 to .0106 (0.26 to 0.27)
Suggested drill:	.0102 or 0.26 mm

### Termination

Crimp connection for 35 AWG or 0.016 mm<sup>2</sup>

## MEP-20

25 mil (0.635 mm)



### Mechanical

Recommended Travel:	.050 (1.27)
Full Travel:	.075 (1.91)
Operating Temperature:	-55°C to +105°C

### Spring Force in oz. (grams)

	Preload	Rec. Travel
Standard	.39 (11)	1.39 (39)

### Electrical (Static Conditions)

Current Rating:	2 amps
Average Probe Resistance:	<50 mOhms

### Materials and Finishes

Plunger:	Heat-treated BeCu, Gold plated over hard Nickel
Barrel:	Work hardened BeCu, Gold plated over hard Nickel
Spring:	Music Wire, Silver plated

### Mounting

Hole diameter:	∅ .0205 to .0215 (0.52 to 0.55)
Suggested drill:	#75 or 0.52 mm
Minimum mounting plate thickness	.250 (6.35)

### Order versions

MEP-20x	Crimp
MEP-20x-30	Crimp with 30 inches of 30 AWG wire attached

### Application

1. The MEP-20 can also be mounted in a staggered pattern to access test pads on centers less than .025".
2. Recommended wire gauge 30 AWG, maximum insulation dia. .019 (0.48).
3. Shrink tubing is recommended for use on alternating receptacles to reduce the possibility of electrical shorting.

### Tip Style

B
∅ .006 (0.15)

### Tip Style

B	G	J	U
∅ .010 (0.25)	∅ .010 (0.25)	∅ .010 (0.25)	∅ .006 (0.15)

Series	Size	Tip Style
MEPJ	21	B
MEP	20	B