

Fine Pitch Probes

# FP480S01B034G050L158H

**Item number 1020277**

## General

| | |
|---|---|
| Design | Basic Contact Probe |
| Type/family | FP-S |
| Pitch (mm/mil) | 1,00 / 39 |
| Temperature [C°] | -45°C...+200°C |
| Additional definition | H |

## Electrical specifications

| | |
|---|---|
| Continuous current (A) | 1.00 |
| Typical contact resistance (mOhm) | 65.00 |

## Mechanical specifications

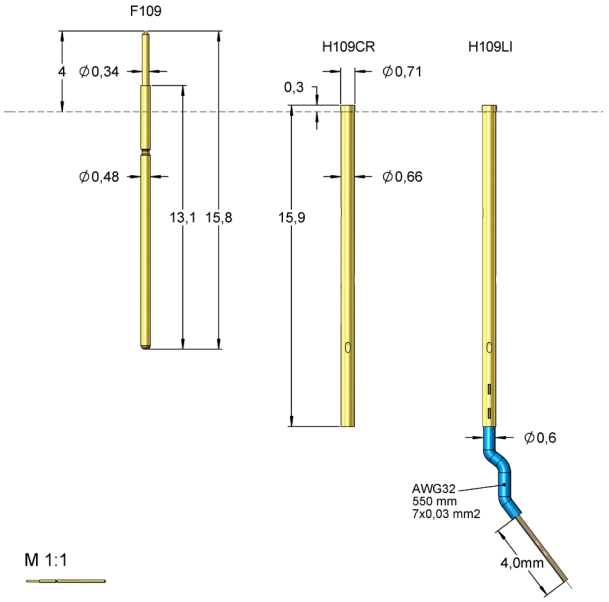
| | |
|---|---|
| Preload (cN) | 17.00 |
| Spring force (cN) | 50.00 |
| Nominal travel (mm) | 2.00 |
| Maximum travel (mm) | 2.30 |
| Pointing accuracy +/- (mm) | 0.05 |

## Dimensions

| | |
|---|---|
| Total length (mm) | 15.80 |
| Projection height (mm) | 4.00 |
| Tip style diameter (mm) | 0.34 |
| Barrel diameter (mm) | 0.48 |

## Family drawing

All measurements are in mm.




## Materials & surfaces

| | |
|---|---|
| Tip style | 01 |
| Tip style material | Beryllium cooper |
| Tip style plating | Gold |
| Plunger material | Cooper |
| Plunger plating | Gold |
| Barrel material | Bronze |
| Barrel plating | Gold |
| Spring material | High-grade steel |
| Spring plating | Gold |