

Basic Contact Probes

# F03965B050G130AE

**Item number 1031463**

## General

| | |
|---|---|
| Design | Basic Contact Probe |
| Type/family | F039 |
| Pitch (mm/mil) | 1,00 / 39 |
| Temperature [C°] | -45°C...+100°C |

## Electrical specifications

| | |
|---|---|
| Continuous current (A) | 6.00 |
| Typical contact resistance (mOhm) | 25.00 |

## Mechanical specifications

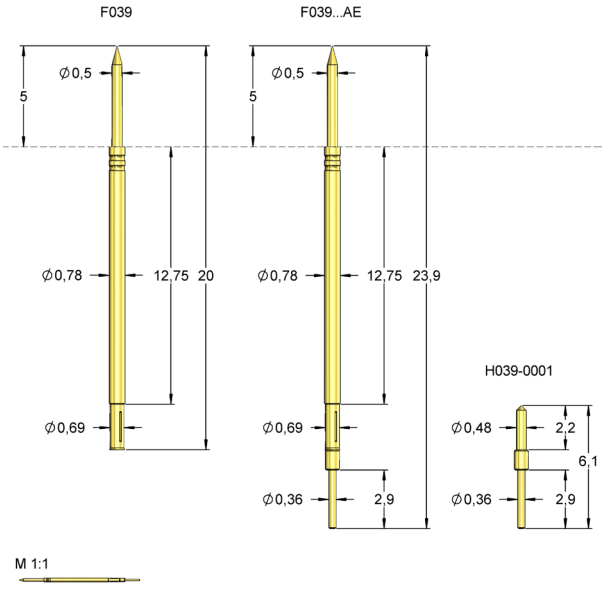
| | |
|---|---|
| Preload (cN) | 60.00 |
| Spring force (cN) | 130.00 |
| Nominal travel (mm) | 2.00 |
| Maximum travel (mm) | 3.70 |
| Pointing accuracy +/- (mm) | 0.05 |

## Dimensions

| | |
|---|---|
| Total length (mm) | 23.90 |
| Projection height (mm) | 5.00 |
| Tip style diameter (mm) | 0.50 |
| Barrel diameter (mm) | 0.78 |

## Family drawing

All measurements are in mm.




## Materials & surfaces

| | |
|---|---|
| Tip style | 65 |
| Tip style material | Beryllium cooper |
| Tip style plating | Gold |
| Plunger material | Cooper |
| Plunger plating | Gold |
| Barrel material | Bronze |
| Barrel plating | Gold |
| Spring material | Spring steel |
| Spring plating | Gold |