



Fine Pitch Probes

FP420S18B025G040L239AE

Item number 1029877

General

| | |
|-----------------------|----------------------|
| Design | Double Plunger Probe |
| Type/family | FP-S |
| Pitch (mm/mil) | 0,60 / 25 |
| Temperature [C°] | -45°C...+100°C |
| Additional definition | AE |

Electrical specifications

| | |
|-----------------------------------|--------|
| Continuous current (A) | 2.00 |
| Typical contact resistance (mOhm) | 150.00 |

Mechanical specifications

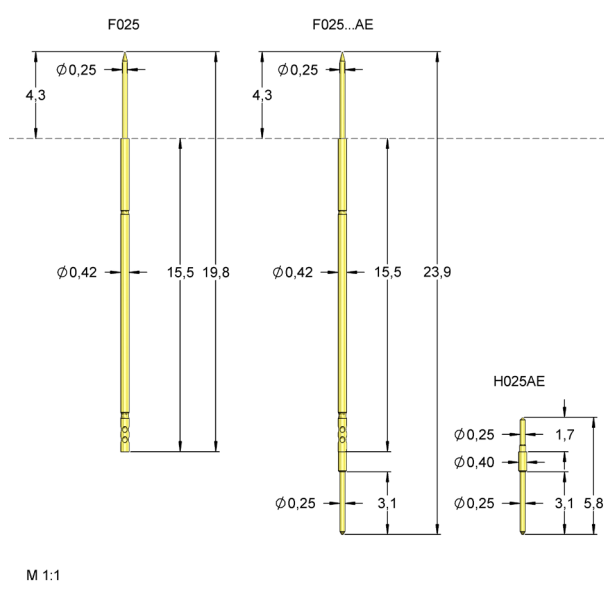
| | |
|----------------------------|-------|
| Preload (cN) | 10.00 |
| Spring force (cN) | 40.00 |
| Nominal travel (mm) | 2.00 |
| Maximum travel (mm) | 3.00 |
| Pointing accuracy +/- (mm) | 0.05 |

Dimensions

| | |
|---------------------------|-------|
| Total length (mm) | 23.90 |
| Projection height (mm) | 4.30 |
| Tip style diameter (mm) | 0.25 |
| Barrel diameter (mm) | 0.42 |
| Tip style diameter 2 (mm) | 0.25 |

Family drawing

All measurements are in mm.



Materials & surfaces

| | |
|--------------------|------------------|
| Tip style | 18 |
| Tip style 2 | 18 |
| 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 |