

FM Choice

Push-Back-Probes

# VF383B0005G15

**Item number 1005899**

## General

| | |
|---|---|
| Design | Basic Contact Probe |
| Type/family | VF3 |
| Pitch (mm/mil) | 3,00 / 118 |
| Temperature [C°] | -45°C...+100°C |

## Electrical specifications

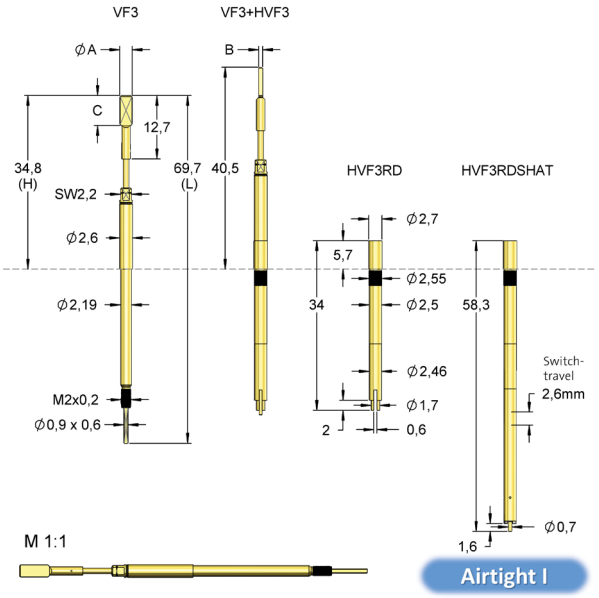
| | |
|---|---|
| Continuous current (A) | 8.00 |
| Typical contact resistance (mOhm) | 30.00 |

## Mechanical specifications

| | |
|---|---|
| Preload (cN) | 300.00 |
| Spring force (cN) | 1500.00 |
| Nominal travel (mm) | 5.00 |
| Maximum travel (mm) | 5.50 |
| Pointing accuracy +/- (mm) | 0.10 |
| Thread | M2X0,2 |
| Tool size (mm) | 2,2 |

## Family drawing

All measurements are in mm.




## Dimensions

| | |
|---|---|
| Total length (mm) | 69.70 |
| Projection height (mm) | 34.80 |
| Tip style diameter (mm) | 1.90 |
| Barrel diameter (mm) | 2.19 |
| Collar diameter (mm) | 2.60 |
| Press ring diameter (mm) | 2.60 |
| A – spade diameter (mm) | 1.90 |
| B – spade width (mm) | 0.80 |
| C – spade length (mm) | 6.00 |
| C – pin length (mm) | 6.00 |

## Materials & surfaces

| | |
|---|---|
| Tip style | 83 |
| Tip style material | Beryllium cooper |
| Tip style plating | Gold |
| Plunger material | Cooper |
| Plunger plating | Gold |
| Barrel material | Brass |
| Barrel plating | Gold |
| Spring material | Spring steel |
| Spring plating | Gold |