



## Basic Contact Probes

# F05043S050L150

Order code 1010865

### General

|                  |                     |
|------------------|---------------------|
| Design           | Basic Contact Probe |
| Family           | F050                |
| Pitch [mm/mil]   | 1.27 / 50           |
| Temperature [C°] | -45°C...+80°C       |

### Electrical specifications

|                                   |       |
|-----------------------------------|-------|
| Continuous current [A]            | 3.00  |
| Typical contact resistance [mOhm] | 20.00 |

### Mechanical specifications

|                            |        |
|----------------------------|--------|
| Preload [cN]               | 60.00  |
| Spring force [cN]          | 150.00 |
| Nominal travel [mm]        | 4.30   |
| Maximum travel [mm]        | 6.40   |
| Pointing accuracy +/- [mm] | 0.05   |

### Dimensions

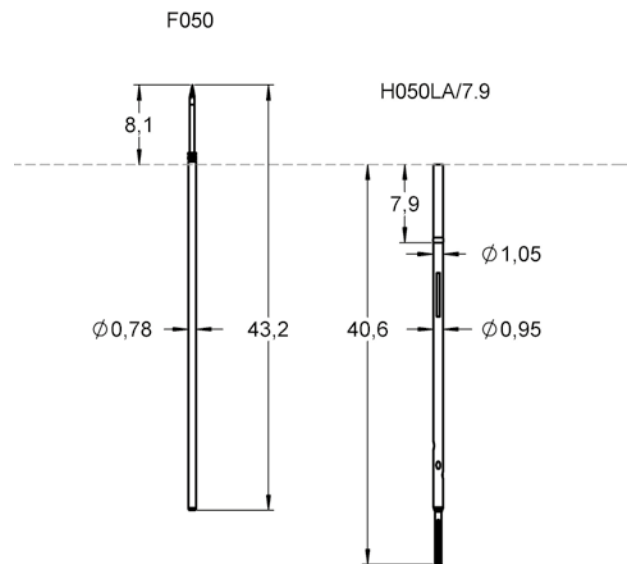
|                         |       |
|-------------------------|-------|
| Total length [mm]       | 43.20 |
| Projection height [mm]  | 8.10  |
| Tip style diameter [mm] | 0.50  |
| Barrel diameter [mm]    | 0.78  |

### Materials & surfaces

|                  |               |
|------------------|---------------|
| Tip style        | 43            |
| Plunger material | Steel         |
| Plunger plating  | Longtime Gold |
| Barrel material  | Bronze        |
| Barrel plating   | Gold          |
| Spring material  | Spring steel  |
| Spring plating   | Gold          |

### Family drawing

All measurements are in mm.



### Accessories

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Tool for receptacle | FEWZ-050EV                                                                                                         |
| Tool for probe      | 1003576-FDWZ-050                                                                                                   |
| Other               | 1120178-H050DRS1-7.9,<br>1010850-H050DR-7.9,<br>1010849-H050LA-7.9,<br>1010847-H050CR-7.9,<br>1012157-H050WL11-7.6 |

Tip style 1

