



## Basic Contact Probes

# F11105S090L095H

Order code 1001405

### General

|                       |                     |
|-----------------------|---------------------|
| Design                | Basic Contact Probe |
| Family                | F111                |
| Pitch [mm/mil]        | 1.27 / 50           |
| Temperature [C°]      | -45°C...+200°C      |
| Additional definition | H                   |

### Electrical specifications

|                                   |       |
|-----------------------------------|-------|
| Continuous current [A]            | 3.00  |
| Typical contact resistance [mOhm] | 65.00 |

### Mechanical specifications

|                            |       |
|----------------------------|-------|
| Preload [cN]               | 40.00 |
| Spring force [cN]          | 95.00 |
| Nominal travel [mm]        | 2.00  |
| Maximum travel [mm]        | 2.50  |
| Pointing accuracy +/- [mm] | 0.09  |

### Dimensions

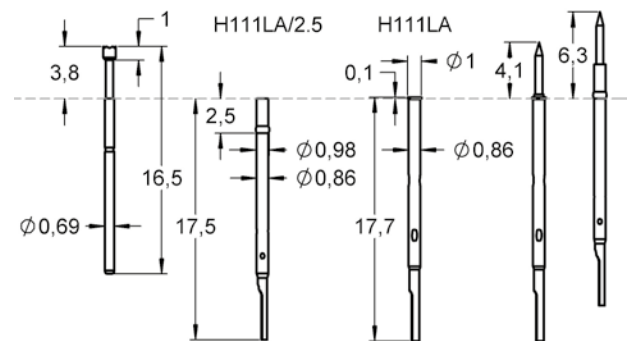
|                         |       |
|-------------------------|-------|
| Total length [mm]       | 16.50 |
| Projection height [mm]  | 4.00  |
| Tip style diameter [mm] | 0.90  |
| Barrel diameter [mm]    | 0.69  |

### Materials & surfaces

|                  |                  |
|------------------|------------------|
| Tip style        | 05               |
| Plunger material | Steel            |
| Plunger plating  | Longtime Gold    |
| Barrel material  | Bronze           |
| Barrel plating   | Gold             |
| Spring material  | High-grade steel |
| Spring plating   | Uncoated         |

### Family drawing

All measurements are in mm.



### Accessories

|                     |                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------|
| Tool for receptacle | FEWZ-511E0                                                                                          |
| Tool for probe      | 1003576-FDWZ-050                                                                                    |
| Other               | 1035075-H111CRS1,<br>1024435-H111LA/2.5,<br>1003523-H111LA2,<br>1003472-H111LA1,<br>1004591-H111WR2 |

Tip style 1

