



Basic Contact Probes

## F08614B090G130

Order code 1012728

### General

|                  |                     |
|------------------|---------------------|
| Design           | Basic Contact Probe |
| Family           | F086                |
| Pitch [mm/mil]   | 1.27 / 50           |
| Temperature [C°] | -45°C...+100°C      |

### Electrical specifications

|                                   |       |
|-----------------------------------|-------|
| Continuous current [A]            | 3.00  |
| Typical contact resistance [mOhm] | 25.00 |

### Mechanical specifications

|                            |        |
|----------------------------|--------|
| Preload [cN]               | 75.00  |
| Spring force [cN]          | 130.00 |
| Nominal travel [mm]        | 2.00   |
| Maximum travel [mm]        | 3.70   |
| Pointing accuracy +/- [mm] | 0.05   |

### Dimensions

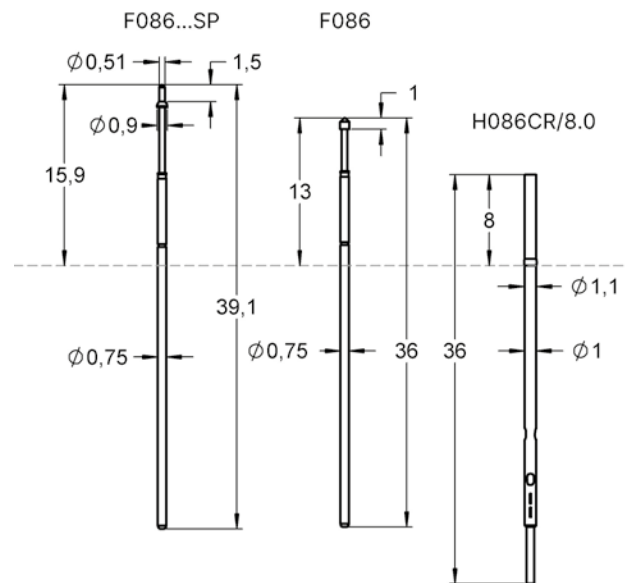
|                         |       |
|-------------------------|-------|
| Total length [mm]       | 36.00 |
| Projection height [mm]  | 4.70  |
| Tip style diameter [mm] | 0.90  |
| Barrel diameter [mm]    | 0.75  |

### Materials & surfaces

|                  |              |
|------------------|--------------|
| Tip style        | 14           |
| Plunger material | Steel        |
| Plunger plating  | Gold         |
| Barrel material  | Bronze       |
| Barrel plating   | Gold         |
| Spring material  | Spring steel |
| Spring plating   | Gold         |

### Family drawing

All measurements are in mm.



### Accessories

|                |                                                                                                |
|----------------|------------------------------------------------------------------------------------------------|
| Receptacle     | KT819                                                                                          |
| Tool for probe | 1003576-FDWZ-050,<br>1035932-FZWZ-004                                                          |
| Other          | 1088117-HF819HSDm012G2020H819AESP,<br>1035376-HF819HSDm012G1270H819AESP,<br>1014789-H086CR-8.0 |

### Tip style 1

