



## Basic Contact Probes

# F07537B050G150

Order code 1006727

### General

|                  |                     |
|------------------|---------------------|
| Design           | Basic Contact Probe |
| Family           | F075                |
| Pitch [mm/mil]   | 1.90 / 75           |
| Temperature [C°] | -45°C...+80°C       |

### Electrical specifications

|                                   |       |
|-----------------------------------|-------|
| Continuous current [A]            | 4.00  |
| Typical contact resistance [mOhm] | 20.00 |

### Mechanical specifications

|                            |        |
|----------------------------|--------|
| Preload [cN]               | 70.00  |
| Spring force [cN]          | 150.00 |
| Nominal travel [mm]        | 4.30   |
| Maximum travel [mm]        | 6.40   |
| Pointing accuracy +/- [mm] | 0.08   |

### Dimensions

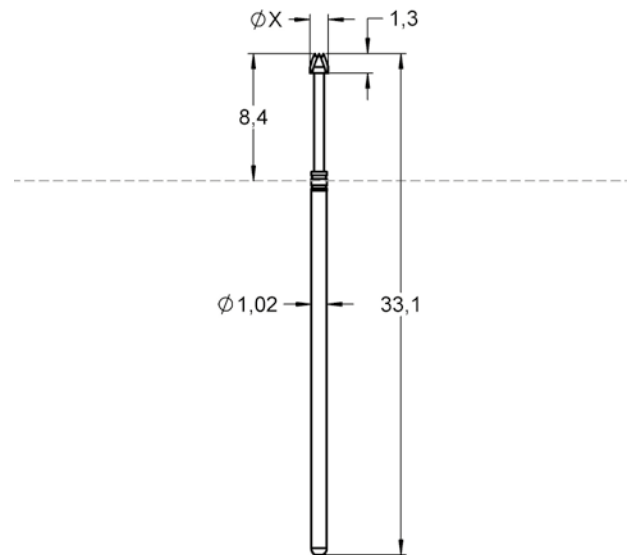
|                         |       |
|-------------------------|-------|
| Total length [mm]       | 33.10 |
| Projection height [mm]  | 8.20  |
| Tip style diameter [mm] | 0.50  |
| Barrel diameter [mm]    | 1.02  |

### Materials & surfaces

|                  |                  |
|------------------|------------------|
| Tip style        | 37               |
| Plunger material | Beryllium copper |
| Plunger plating  | Gold             |
| Barrel material  | Bronze           |
| Barrel plating   | Gold             |
| Spring material  | Spring steel     |
| Spring plating   | Silver           |

### Family drawing

All measurements are in mm.



### Accessories

|                     |                                                                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Tool for receptacle | FEWZ-075EV                                                                                                                              |
| Tool for probe      | 1003587-FDWZ-075                                                                                                                        |
| Other               | 1143245-H075WW19-7.6AT,<br>1012173-H075WL11-7.6,<br>1133640-H075WW19-10.0ATinaktiv,<br>1057693-H075CR-10.0S1,<br>1092190-H075WW10-2.0AT |

Tip style 1

