



Basic Contact Probes

## F10012B150G150

Order code 1017710

### General

|                  |                     |
|------------------|---------------------|
| Design           | Basic Contact Probe |
| Family           | F100                |
| Pitch [mm/mil]   | 2.54 / 100          |
| Temperature [C°] | -45°C...+80°C       |

### Electrical specifications

|                                   |       |
|-----------------------------------|-------|
| Continuous current [A]            | 5.00  |
| Typical contact resistance [mOhm] | 20.00 |

### Mechanical specifications

|                            |        |
|----------------------------|--------|
| Preload [cN]               | 80.00  |
| Spring force [cN]          | 150.00 |
| Nominal travel [mm]        | 4.30   |
| Maximum travel [mm]        | 6.40   |
| Pointing accuracy +/- [mm] | 0.08   |

### Dimensions

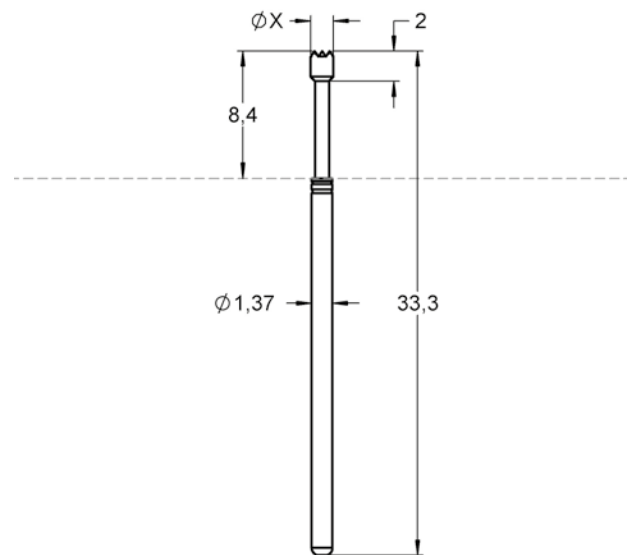
|                         |       |
|-------------------------|-------|
| Total length [mm]       | 33.30 |
| Projection height [mm]  | 8.40  |
| Tip style diameter [mm] | 1.50  |
| Barrel diameter [mm]    | 1.37  |

### Materials & surfaces

|                  |                  |
|------------------|------------------|
| Tip style        | 12               |
| 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-100EV                                                                                                                    |
| Tool for probe      | 1003566-FDWZ-100                                                                                                              |
| Other               | 1010816-H100LA-2.0,<br>1097191-H100CR-7.6S1,<br>1133588-H100WW19-10.0AT,<br>1107897-H100WW10-2.5S1,<br>1100025-H100WW05-7.6S1 |

Tip style 1

