



Basic Contact Probes

F10033S090P200HP

Order code 1010205

General

| | |
|-----------------------|---------------------|
| Design | Basic Contact Probe |
| Family | F100HP |
| Pitch [mm/mil] | 2.54 / 100 |
| Temperature [C°] | -45°C...+80°C |
| Additional definition | HP |

Electrical specifications

| | |
|-----------------------------------|-------|
| Continuous current [A] | 5.00 |
| Typical contact resistance [mOhm] | 40.00 |

Mechanical specifications

| | |
|----------------------------|--------|
| Preload [cN] | 130.00 |
| Spring force [cN] | 200.00 |
| Nominal travel [mm] | 4.30 |
| Maximum travel [mm] | 6.40 |
| Pointing accuracy +/- [mm] | 0.08 |

Dimensions

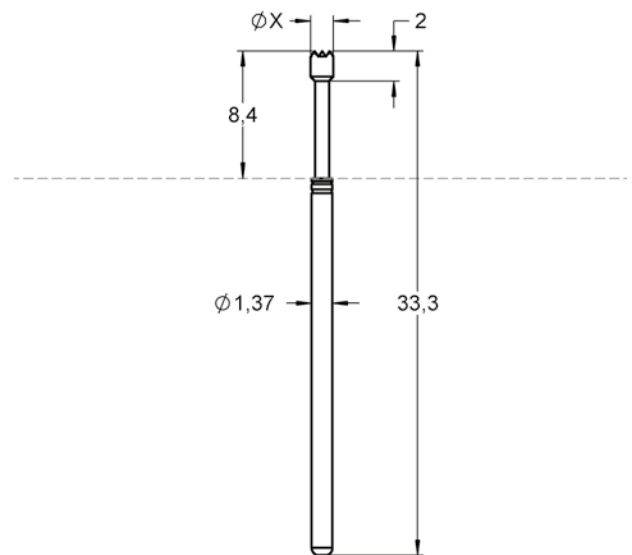
| | |
|-------------------------|-------|
| Total length [mm] | 33.30 |
| Projection height [mm] | 8.40 |
| Tip style diameter [mm] | 0.90 |
| Barrel diameter [mm] | 1.37 |

Materials & surfaces

| | |
|------------------|--------------|
| Tip style | 33 |
| Plunger material | Steel |
| Plunger plating | Progressive |
| 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 | 1097191-H100CR-7.6S1, 1133588-H100WW19-10.0AT, 1107897-H100WW10-2.5S1, 1100025-H100WW05-7.6S1, 1092174-H100WW10-10.0AT |

Tip style 1

