FEINMETALL
Contact Technologies



Basic Contact Probes

# F58533S105L200

**Order code 1001500**

## General

| | |
|---|---|
| Design | Basic Contact Probe |
| Family | F585 |
| 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] | 200.00 |
| Nominal travel [mm] | 4.30 |
| Maximum travel [mm] | 6.40 |
| Pointing accuracy +/- [mm] | 0.08 |

## Dimensions

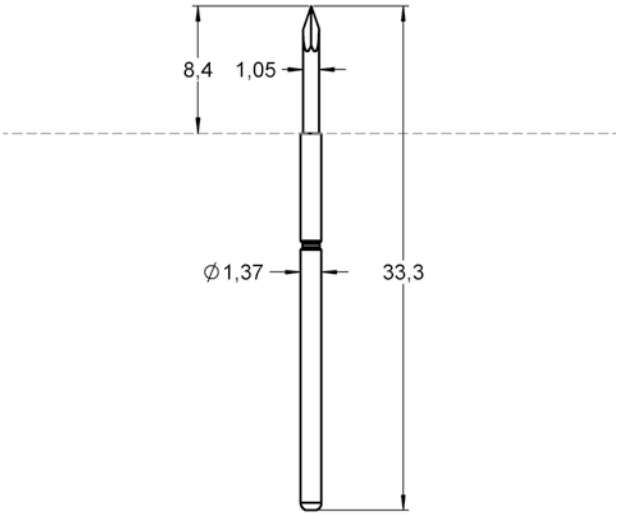
| | |
|---|---|
| Total length [mm] | 33.30 |
| Projection height [mm] | 8.40 |
| Tip style diameter [mm] | 1.05 |
| Barrel diameter [mm] | 1.37 |

## Materials & surfaces

| | |
|---|---|
| Tip style | 33 |
| Plunger material | Steel |
| Plunger plating | Longtime 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-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



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