



High Current Probes

HCF73211B100G300A

Order code 1165607

General

| | |
|-----------------------|---------------------|
| Design | Basic Contact Probe |
| Family | HCF732 |
| Pitch [mm/mil] | 2.54 / 100 |
| Temperature [C°] | -45°C...+200°C |
| Additional definition | A |

Electrical specifications

| | |
|-----------------------------------|-------|
| Continuous current [A] | 20.00 |
| Typical contact resistance [mOhm] | 10.00 |

Mechanical specifications

| | |
|----------------------------|--------|
| Preload [cN] | 50.00 |
| Spring force [cN] | 300.00 |
| Nominal travel [mm] | 4.00 |
| Maximum travel [mm] | 5.00 |
| Pointing accuracy +/- [mm] | 0.08 |
| Thread | M1.6 |
| Tool size [mm] | 1.7 |

Dimensions

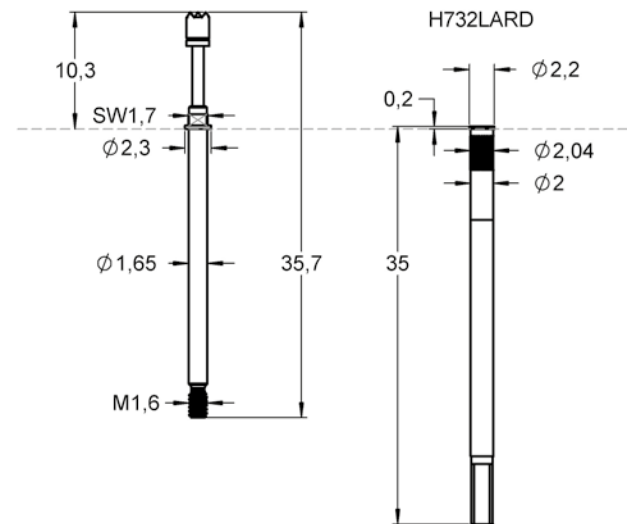
| | |
|--------------------------|-------|
| Total length [mm] | 35.70 |
| Projection height [mm] | 10.50 |
| Tip style diameter [mm] | 1.00 |
| Barrel diameter [mm] | 1.65 |
| Collar diameter [mm] | 2.30 |
| Press ring diameter [mm] | 2.30 |

Materials & surfaces

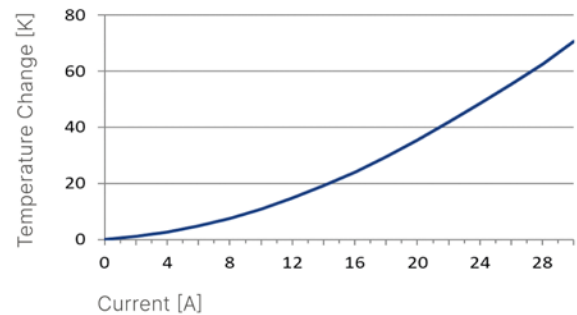
| | |
|------------------|------------------|
| Tip style | 11 |
| Plunger material | Beryllium copper |
| Plunger plating | Gold |
| Barrel material | Brass |
| Barrel plating | Silver |
| Spring material | High-grade steel |
| Spring plating | Uncoated |

Family drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current



Accessories

Tool for receptacle

FEWZ-772E0