



High Current Probes

## HCF77506B300G300

Item number 1133512

### General

|                       |                     |
|-----------------------|---------------------|
| Design                | Basic Contact Probe |
| Type/family           | HCF775              |
| Pitch (mm/mil)        | 5,00 / 197          |
| Temperature [C°]      | -45°C...+200°C      |
| Additional definition | C                   |

### Electrical specifications

|                                   |      |
|-----------------------------------|------|
| Typical contact resistance (mOhm) | 5.00 |
|-----------------------------------|------|

### Mechanical specifications

|                     |        |
|---------------------|--------|
| Preload (cN)        | 150.00 |
| Spring force (cN)   | 300.00 |
| Nominal travel (mm) | 4.40   |
| Maximum travel (mm) | 5.50   |

### Dimensions

|                          |       |
|--------------------------|-------|
| Total length (mm)        | 38.50 |
| Projection height (mm)   | 10.50 |
| Tip style diameter (mm)  | 3.00  |
| Barrel diameter (mm)     | 3.50  |
| Collar diameter (mm)     | 4.00  |
| Press ring diameter (mm) | 4.00  |

### Materials & surfaces

|                    |                  |
|--------------------|------------------|
| Tip style          | 06               |
| Tip style material | Beryllium cooper |
| Tip style plating  | Gold             |
| Plunger material   | Cooper           |
| Plunger plating    | Gold             |
| Barrel material    | Brass            |
| Barrel plating     | Gold             |
| Spring material    | High-grade steel |
| Spring plating     | Uncoated         |

### Family drawing

All measurements are in mm.

