

High Current Probes

# HCF77507B300G500

**Item number 1009671**

## 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

| | |
|---|---|
| Continuous current (A) | 50.00 |
| Typical contact resistance (mOhm) | 5.00 |

## Mechanical specifications

| | |
|---|---|
| Preload (cN) | 150.00 |
| Spring force (cN) | 500.00 |
| Nominal travel (mm) | 4.40 |
| Maximum travel (mm) | 5.50 |
| Pointing accuracy +/- (mm) | 0.10 |

## 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 | 07 |
| 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.




