

High Current Probes

# HC048B07G28

**Item number 1017759**

## General

| | |
|---|---|
| Design | Coaxial Probe |
| Type/family | HC048 |
| Pitch (mm/mil) | 14,0 / 551 |
| Temperature [C°] | -45°C...+200°C |
| Additional definition | B |

## Electrical specifications

| | |
|---|---|
| Continuous current (A) | 75.00 |
| Typical contact resistance (mOhm) | 3.00 |
| Continuous current 2 (A) | 5.00 |
| Typical contact resistance 2 (mOhm) | 20.00 |

## Inner contact specifications

| | |
|---|---|
| Nominal travel 2 (mm) | 1.50 |
| Maximum travel 2 (mm) | 3.00 |
| Preload 2 (cN) | 200.00 |
| Spring force 2 (cN) | 300.00 |

## Mechanical specifications

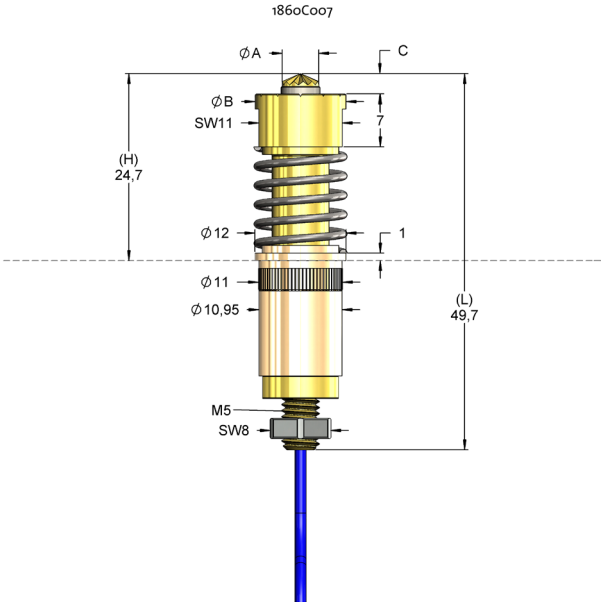
| | |
|---|---|
| Preload (cN) | 1900.00 |
| Spring force (cN) | 2800.00 |
| Nominal travel (mm) | 5.00 |
| Maximum travel (mm) | 8.00 |
| Tool size (mm) | 11,0 |
| Connection type (flux-proof) | Thread |

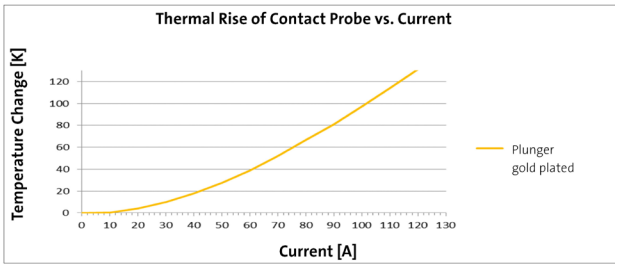
## Dimensions

| | |
|---|---|
| Total length (mm) | 49.70 |
| Projection height (mm) | 24.70 |
| Tip style diameter (mm) | 4.80 |
| Barrel diameter (mm) | 10.95 |
| Collar diameter (mm) | 12.00 |
| Press ring diameter (mm) | 12.00 |
| Inside/outside distance (mm) | 2.70 |
| Tip style diameter 2 (mm) | 4.80 |

## Family drawing

All measurements are in mm.



## Materials & surfaces

| | |
|---|---|
| Tip style | 07 |
| Tip style 2 | 07 |
| Tip style material | Beryllium cooper |
| Tip style plating | Gold |
| Plunger material | Brass |
| Plunger plating | Gold |
| Barrel material | Brass |
| Barrel plating | Uncoated |
| Spring material | High-grade steel |
| Spring plating | Uncoated |
| Plunger material 2 | Beryllium cooper |
| Plunger plating 2 | Gold |
| Spring material 2 | High-grade steel |
| Spring plating 2 | Uncoated |