

Pogo Connectors

# P14016B085G100TL053ST

**Item number 1007798**

## General

| | |
|---|---|
| Design | Basic Contact Probe |
| Type/family | P-T / P140T-L053 |
| Pitch (mm/mil) | 2,20 / 87 |
| Temperature [C°] | -45°C...+200°C |

## Electrical specifications

| | |
|---|---|
| Continuous current (A) | 8.00 |
| Typical contact resistance (mOhm) | 100.00 |

## Mechanical specifications

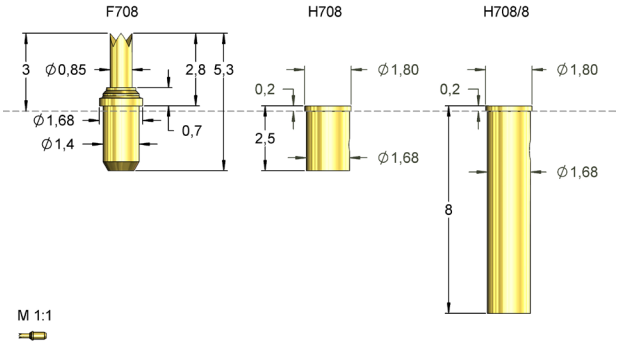
| | |
|---|---|
| Preload (cN) | 40.00 |
| Spring force (cN) | 100.00 |
| Nominal travel (mm) | 1.00 |
| Maximum travel (mm) | 1.20 |
| Pointing accuracy +/- (mm) | 0.08 |

## Dimensions

| | |
|---|---|
| Total length (mm) | 5.30 |
| Projection height (mm) | 2.80 |
| Tip style diameter (mm) | 0.85 |
| Barrel diameter (mm) | 1.40 |
| Collar diameter (mm) | 1.68 |
| Press ring diameter (mm) | 1.68 |

## Family drawing

All measurements are in mm.




## Materials & surfaces

| | |
|---|---|
| Tip style | 16 |
| 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 |