

Radio Frequency Probes

# HF86005B0018G530

**Item number 1032627**

## General

| | |
|---|---|
| Design | Coaxial Probe |
| Type/family | HF860 |
| Pitch (mm/mil) | 8,50 / 335 |
| Temperature [C°] | -45°C...+100°C |

## Electrical specifications

| | |
|---|---|
| Continuous current (A) | 10.00 |
| Impedance (ohm) | 50.00 |
| Frequency (GHz) | 6.00 |
| Continuous current 2 (A) | 3.00 |

## Inner contact specifications

| | |
|---|---|
| Nominal travel 2 (mm) | 2.00 |
| Maximum travel 2 (mm) | 3.70 |
| Preload 2 (cN) | 75.00 |
| Spring force 2 (cN) | 130.00 |

## Mechanical specifications

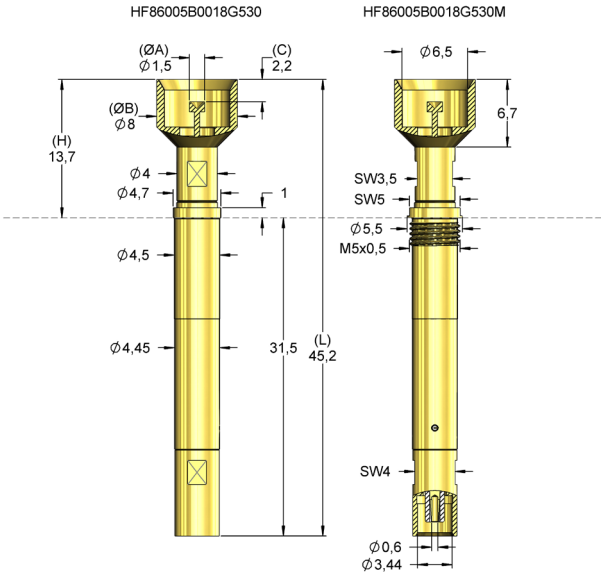
| | |
|---|---|
| Preload (cN) | 90.00 |
| Spring force (cN) | 400.00 |
| Nominal travel (mm) | 4.00 |
| Maximum travel (mm) | 5.00 |
| Tool size (mm) | 3,5/4,0 |
| DUT | R-SMA-Female |

## Dimensions

| | |
|---|---|
| Total length (mm) | 45.20 |
| Projection height (mm) | 13.70 |
| Tip style diameter (mm) | 8.00 |
| Barrel diameter (mm) | 4.40 |
| Collar diameter (mm) | 4.70 |
| Press ring diameter (mm) | 4.50 |
| Inside/outside distance (mm) | -2.20 |
| Tip style diameter 2 (mm) | 1.50 |

## Family drawing

All measurements are in mm.




## Materials & surfaces

| | |
|---|---|
| Tip style | 05 |
| Tip style 2 | 05 |
| 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 |
| Plunger material 2 | Beryllium cooper |
| Plunger plating 2 | Gold |
| Spring material 2 | Spring steel |
| Spring plating 2 | Gold |

## Accessories

| | |
|---|---|
| Receptacle | H860 |
| Tool for receptacle | FEWZ-822E0 |