

Radio Frequency Probes

# HF7716B0001G530H

**Item number 1114508**

## General

| | |
|---|---|
| Design | Coaxial Probe |
| Type/family | HF77 |
| Pitch (mm/mil) | 4,00 / 157 |
| Temperature [C°] | -45°C...+100°C |

## Electrical specifications

| | |
|---|---|
| Continuous current (A) | 0.50 |
| Impedance (ohm) | 50.00 |
| Frequency (GHz) | 12.00 |
| Continuous current 2 (A) | 0.10 |

## Inner contact specifications

| | |
|---|---|
| Nominal travel 2 (mm) | 0.50 |
| Maximum travel 2 (mm) | 1.80 |
| Preload 2 (cN) | 95.00 |
| Spring force 2 (cN) | 120.00 |

## Mechanical specifications

| | |
|---|---|
| Preload (cN) | 230.00 |
| Spring force (cN) | 420.00 |
| Nominal travel (mm) | 2.00 |
| Maximum travel (mm) | 2.80 |
| DUT | HFM MALE |

## Dimensions

| | |
|---|---|
| Total length (mm) | 31.20 |
| Projection height (mm) | 27.60 |
| Tip style diameter (mm) | 2.70 |
| Barrel diameter (mm) | 2.95 |
| Inside/outside distance (mm) | 2.20 |
| Tip style diameter 2 (mm) | 0.45 |

## Materials & surfaces

| | |
|---|---|
| Tip style | 16 |
| Tip style 2 | 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 |
| Plunger material 2 | Beryllium cooper |
| Plunger plating 2 | Gold |
| Spring material 2 | High-grade steel |
| Spring plating 2 | Gold |