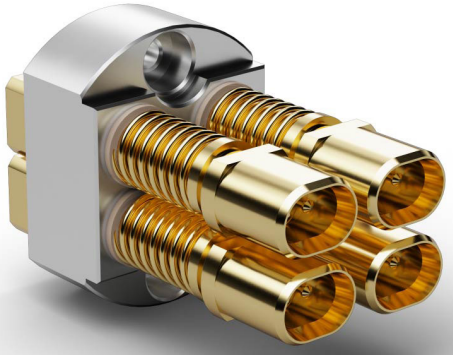


Radio Frequency Probes

# HF77-0007BG04-1

**Item number 1110047**

## General

| | |
|---|---|
| Design | Coaxial Probe |
| Type/family | HF77 |
| Pitch (mm/mil) | 12,0 / 472 |
| Temperature [C°] | -45°C...+100°C |

## Electrical specifications

| | |
|---|---|
| Continuous current (A) | 1.20 |
| Impedance (ohm) | 100.00 |
| Frequency (GHz) | 14.00 |
| Continuous current 2 (A) | 1.00 |

## Inner contact specifications

| | |
|---|---|
| Nominal travel 2 (mm) | 0.90 |
| Maximum travel 2 (mm) | 1.20 |
| Preload 2 (cN) | 130.00 |
| Spring force 2 (cN) | 195.00 |

## Mechanical specifications

| | |
|---|---|
| Preload (cN) | 470.00 |
| Spring force (cN) | 630.00 |
| Nominal travel (mm) | 2.50 |
| Maximum travel (mm) | 3.50 |
| DUT | H-MTD-Female (double) |

## Dimensions

| | |
|---|---|
| Total length (mm) | 30.20 |
| Projection height (mm) | 20.50 |
| Tip style diameter (mm) | 0.51 |
| Barrel diameter (mm) | 15.50 |
| Tip style diameter 2 (mm) | 0.90 |

## Materials & surfaces

| | |
|---|---|
| Tip style | 11 |
| Tip style 2 | 02 |
| Tip style material | Beryllium cooper |
| Tip style plating | Gold |
| Plunger material | Cooper |
| Plunger plating | Gold |
| Barrel material | Brass |
| Barrel plating | Gold |
| Spring material | Spring steel |
| Spring plating | Gold |
| Plunger material 2 | Beryllium cooper |
| Plunger plating 2 | Gold |
| Spring material 2 | Spring steel |
| Spring plating 2 | Gold |