

Radio Frequency Probes

HF86-0001

Item number 1142304

General

Design	Coaxial Probe
Type/family	HF86
Pitch (mm/mil)	7,40 / 290
Temperature [C°]	-45°C...+100°C

Family drawing

All measurements are in mm.

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)	1.50
Maximum travel 2 (mm)	2.90
Preload 2 (cN)	50.00
Spring force 2 (cN)	110.00

Mechanical specifications

Preload (cN)	500.00
Spring force (cN)	665.00
Nominal travel (mm)	2.00
Maximum travel (mm)	3.00
DUT	FAKRA-FEMALE

Dimensions

Total length (mm)	29.58
Projection height (mm)	19.58
Tip style diameter (mm)	4.80
Inside/outside distance (mm)	0.90
Tip style diameter 2 (mm)	0.80

Materials & surfaces

Tip style	50
Tip style 2	02
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Brass
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