

Radio Frequency Probes

HF83005B0006G500

Item number 1133673

General

Design	Coaxial Probe
Type/family	HF830
Pitch (mm/mil)	6,00 / 236
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current (A)	10.00
Impedance (ohm)	50.00
Frequency (GHz)	4.00
Continuous current 2 (A)	3.00

Inner contact specifications

Nominal travel 2 (mm)	1.70
Maximum travel 2 (mm)	3.00
Preload 2 (cN)	50.00
Spring force 2 (cN)	100.00

Mechanical specifications

Preload (cN)	100.00
Spring force (cN)	400.00
Nominal travel (mm)	2.00
Maximum travel (mm)	3.00
Tool size (mm)	3,5/4,0
DUT	SMA-Male

Dimensions

Total length (mm)	29.80
Projection height (mm)	11.60
Tip style diameter (mm)	5.35
Barrel diameter (mm)	4.50
Collar diameter (mm)	4.70
Press ring diameter (mm)	4.70
Tip style diameter 2 (mm)	1.50

Materials & surfaces

Tip style	50
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