



Radio Frequency Probes

HF82955B0001G1860

Item number 1044571

General

Design	Coaxial Probe
Type/family	HF829
Pitch (mm/mil)	8,9/350
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current (A)	5.00
Typical contact resistance (mOhm)	20.00
Impedance (ohm)	100.00
Frequency (GHz)	3.00
Continuous current 2 (A)	1.00
Typical contact resistance 2 (mOhm)	30.00

Inner contact specifications

Nominal travel 2 (mm)	2.00
Maximum travel 2 (mm)	3.00
Preload 2 (cN)	50.00
Spring force 2 (cN)	120.00

Mechanical specifications

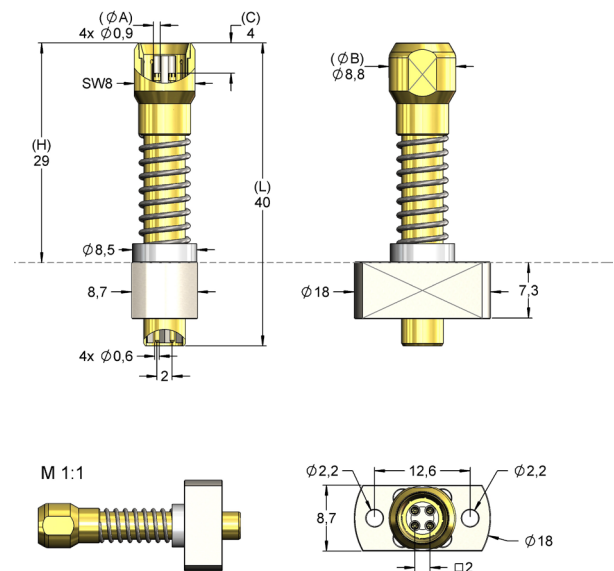
Preload (cN)	900.00
Spring force (cN)	1380.00
Nominal travel (mm)	4.00
Maximum travel (mm)	6.00
Connection type (flux-proof)	Plug
DUT	HSD-Male

Dimensions

Total length (mm)	40.00
Projection height (mm)	28.80
Tip style diameter (mm)	8.81
Barrel diameter (mm)	5.45
Inside/outside distance (mm)	4.00
Tip style diameter 2 (mm)	0.90

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	55
Tip style 2	55
Tip style material	Brass
Tip style plating	Gold
Plunger material	Cooper
Spring material	Spring steel
Spring plating	Uncoated
Plunger material 2	Beryllium cooper
Plunger plating 2	Gold
Spring material 2	Spring wire
Spring plating 2	Gold