

High Current Probes

HCF34906B600G1500A

Item number 1090823

General

Design	Coaxial Probe
Type/family	HCF349
Pitch (mm/mil)	7,60 / 300
Temperature [C°]	-45°C...+200°C
Additional definition	C

Electrical specifications

Continuous current (A)	100.00
Typical contact resistance (mOhm)	4.00
Continuous current 2 (A)	4.00
Typical contact resistance 2 (mOhm)	60.00

Inner contact specifications

Nominal travel 2 (mm)	4.30
Maximum travel 2 (mm)	6.40
Preload 2 (cN)	60.00
Spring force 2 (cN)	160.00

Mechanical specifications

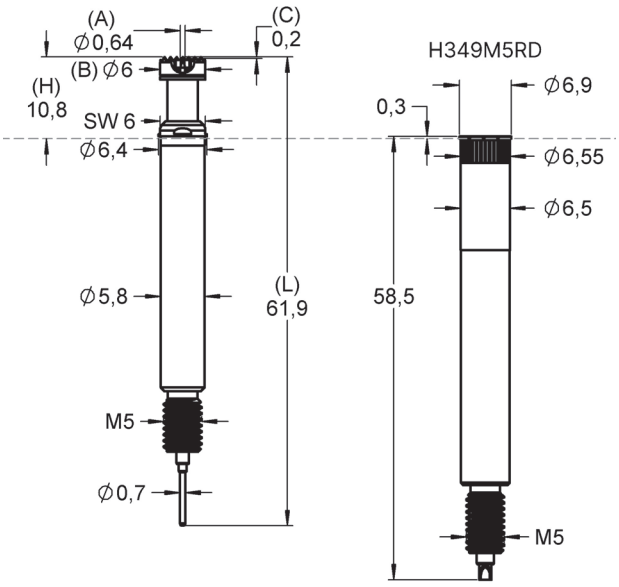
Preload (cN)	500.00
Spring force (cN)	1400.00
Nominal travel (mm)	4.40
Maximum travel (mm)	5.50
Thread	M5
Tool size (mm)	6,0

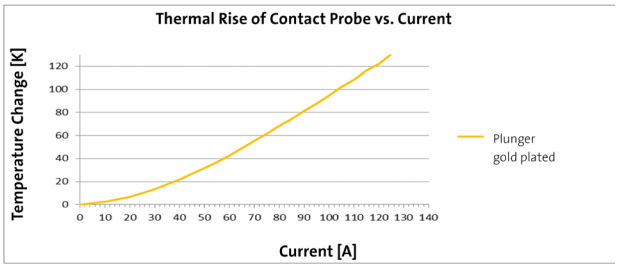
Dimensions

Total length (mm)	61.90
Projection height (mm)	10.50
Tip style diameter (mm)	6.00
Barrel diameter (mm)	5.80
Collar diameter (mm)	6.40
Inside/outside distance (mm)	-0.20
Tip style diameter 2 (mm)	0.64

Family drawing

All measurements are in mm.





Materials & surfaces

Tip style	06
Tip style 2	18
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Silver
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	Uncoated

Accessories

Tool for receptacle	FEWZ-348E0