

High Current Probes

HC050B06G15

Item number 1045305

General

Design	Coaxial Probe
Type/family	HC050
Pitch (mm/mil)	7,00 / 275
Temperature [C°]	-45°C...+200°C
Additional definition	B

Electrical specifications

Continuous current (A)	60.00
Typical contact resistance (mOhm)	2.00
Continuous current 2 (A)	5.00
Typical contact resistance 2 (mOhm)	20.00

Inner contact specifications

Nominal travel 2 (mm)	4.50
Maximum travel 2 (mm)	6.50
Preload 2 (cN)	35.00
Spring force 2 (cN)	60.00

Mechanical specifications

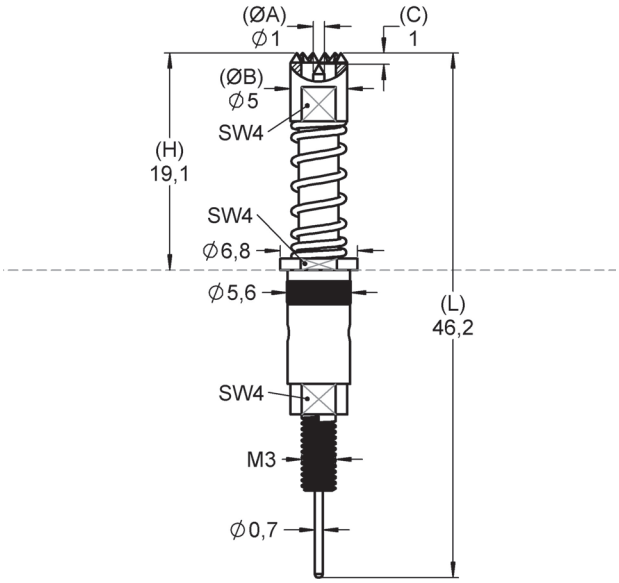
Preload (cN)	300.00
Spring force (cN)	1500.00
Nominal travel (mm)	5.00
Maximum travel (mm)	5.50
Thread	M3
Tool size (mm)	6

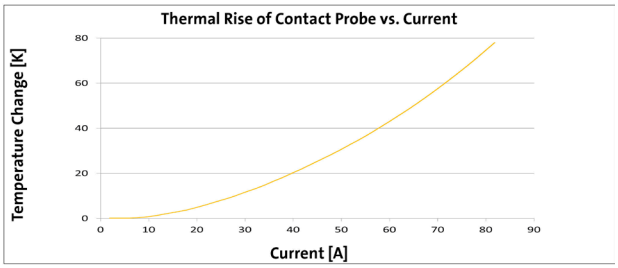
Dimensions

Total length (mm)	46.20
Projection height (mm)	19.10
Tip style diameter (mm)	5.00
Barrel diameter (mm)	5.50
Collar diameter (mm)	6.80
Press ring diameter (mm)	6.80
Inside/outside distance (mm)	1.00
Tip style diameter 2 (mm)	1.00

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	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	High-grade steel
Spring plating 2	Uncoated