

High Current Probes

HCF34806B600G1400A

Item number 1089311

General

Design	Basic Contact Probe
Type/family	HCF348
Pitch (mm/mil)	7,60 / 300
Temperature [C°]	-45°C...+200°C

Electrical specifications

Continuous current (A)	100.00
Typical contact resistance (mOhm)	5.00

Mechanical specifications

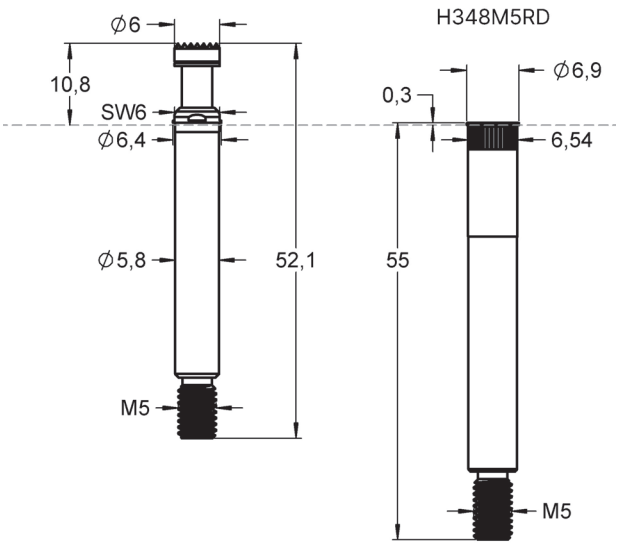
Preload (cN)	500.00
Spring force (cN)	1400.00
Nominal travel (mm)	4.40
Maximum travel (mm)	5.50
Pointing accuracy +/- (mm)	0.08
Thread	M5
Tool size (mm)	6,0

Dimensions

Total length (mm)	52.10
Projection height (mm)	10.50
Tip style diameter (mm)	6.00
Barrel diameter (mm)	5.80
Collar diameter (mm)	6.40
Press ring diameter (mm)	6.40

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	06
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