

High Current Probes

HCF73314B230G500S1

Item number 1057667

General

Design	Basic Contact Probe
Type/family	HCF733
Pitch (mm/mil)	4,00 / 157
Temperature [C°]	-45°C...+200°C
Additional definition	S1

Electrical specifications

Continuous current (A)	25.00
Typical contact resistance (mOhm)	8.00

Mechanical specifications

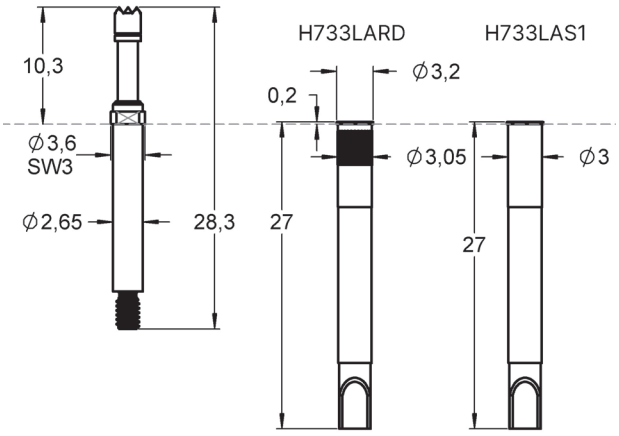
Preload (cN)	150.00
Spring force (cN)	500.00
Nominal travel (mm)	4.00
Maximum travel (mm)	5.00
Pointing accuracy +/- (mm)	0.10
Thread	M2
Tool size (mm)	3,0

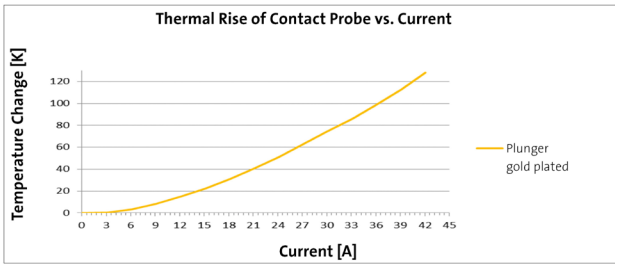
Dimensions

Total length (mm)	28.30
Projection height (mm)	10.30
Tip style diameter (mm)	2.30
Barrel diameter (mm)	2.65
Collar diameter (mm)	3.60
Press ring diameter (mm)	3.60

Family drawing

All measurements are in mm.





Materials & surfaces

Tip style	14
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