



High Current Probes

HCF72506B400G250

Order code 1029512

General

Design	Basic Contact Probe
Family	HCF725
Pitch [mm/mil]	5.00 / 197
Temperature [C°]	-45°C...+200°C

Electrical specifications

Continuous current [A]	50.00
Typical contact resistance [mOhm]	5.00

Mechanical specifications

Preload [cN]	100.00
Spring force [cN]	250.00
Nominal travel [mm]	2.00
Maximum travel [mm]	2.50
Pointing accuracy +/- [mm]	0.12
Thread	M3X0.25
Tool size [mm]	3.5

Dimensions

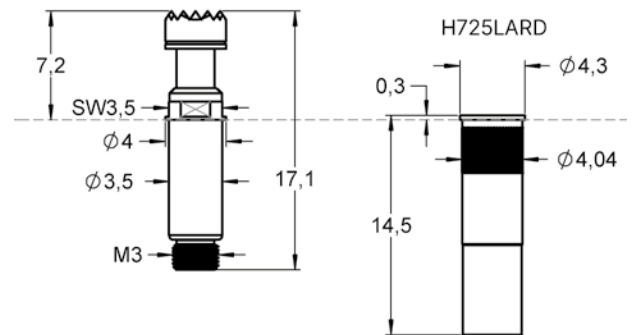
Total length [mm]	17.10
Projection height [mm]	7.20
Tip style diameter [mm]	4.00
Barrel diameter [mm]	3.50
Collar diameter [mm]	4.00
Press ring diameter [mm]	4.00

Materials & surfaces

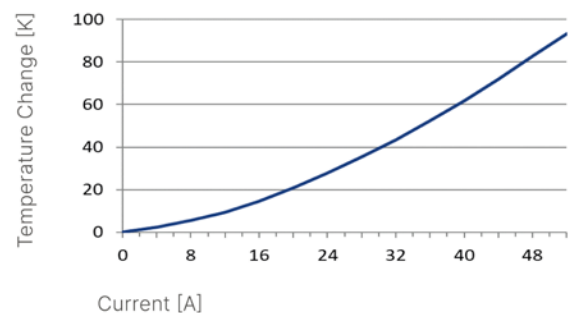
Tip style	06
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated

Family drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current



Accessories

Tool for probe	1005063-FWZ735, 1009775-FWZ735T
Other	1031263-H725LARD

Tip style 1

