



High Current Probes

HCF77317B400G150

Order code 1139213

General

Design	Basic Contact Probe
Family	HCF773
Pitch [mm/mil]	4.50 / 177
Temperature [C°]	-45°C...+200°C

Electrical specifications

Continuous current [A]	30.00
Typical contact resistance [mOhm]	8.00

Mechanical specifications

Preload [cN]	60.00
Spring force [cN]	150.00
Nominal travel [mm]	4.00
Maximum travel [mm]	5.00
Pointing accuracy +/- [mm]	0.10

Dimensions

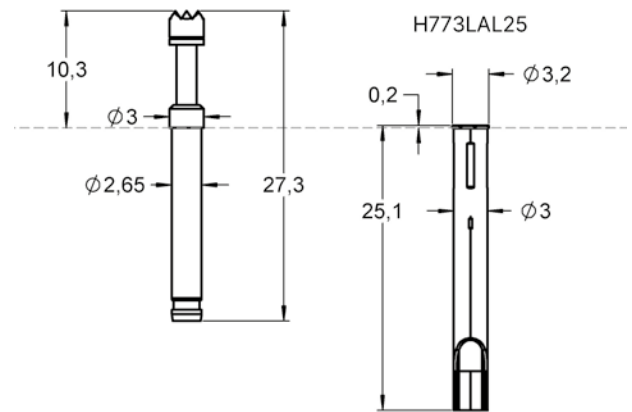
Total length [mm]	27.30
Projection height [mm]	10.30
Tip style diameter [mm]	4.00
Barrel diameter [mm]	2.65
Collar diameter [mm]	3.00
Press ring diameter [mm]	3.00

Materials & surfaces

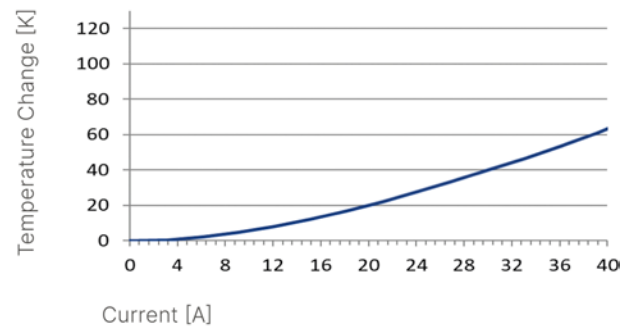
Tip style	17
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Bronze
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated

Family drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current



Tip style 1

