



High Current Probes

HCF77312B230G300

Order code 1005048

General

Design	Basic Contact Probe
Family	HCF773
Pitch [mm/mil]	3.50 / 138
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]	300.00
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]	2.30
Barrel diameter [mm]	2.65
Collar diameter [mm]	3.00
Press ring diameter [mm]	3.00

Materials & surfaces

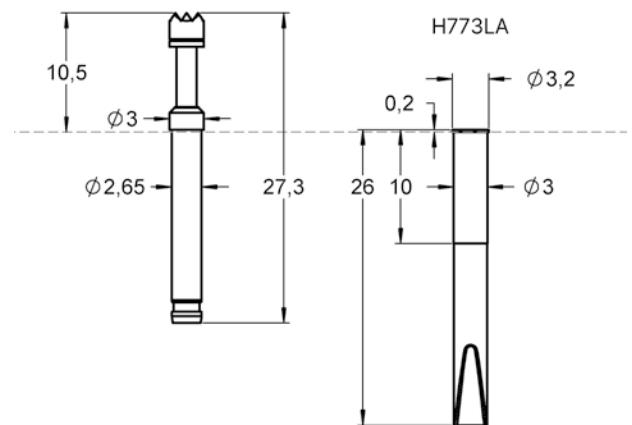
Tip style	12
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated

Accessories

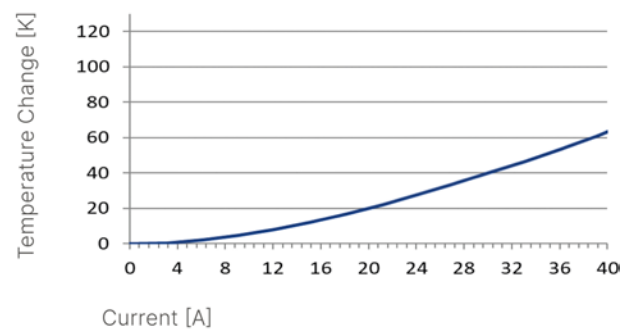
Tool for probe	1003566-FDWZ-100
Other	1008142-H773LA

Family drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current



Tip style 1

