



High Current Probes

HCF34017A300U400

Order code 1005479

General

Design	Basic Contact Probe
Family	HCF340
Pitch [mm/mil]	4.00 / 157
Temperature [C°]	-45°C...+200°C

Electrical specifications

Continuous current [A]	16.00
Typical contact resistance [mOhm]	10.00

Mechanical specifications

Preload [cN]	150.00
Spring force [cN]	400.00
Nominal travel [mm]	6.40
Maximum travel [mm]	8.00
Pointing accuracy +/- [mm]	0.10

Dimensions

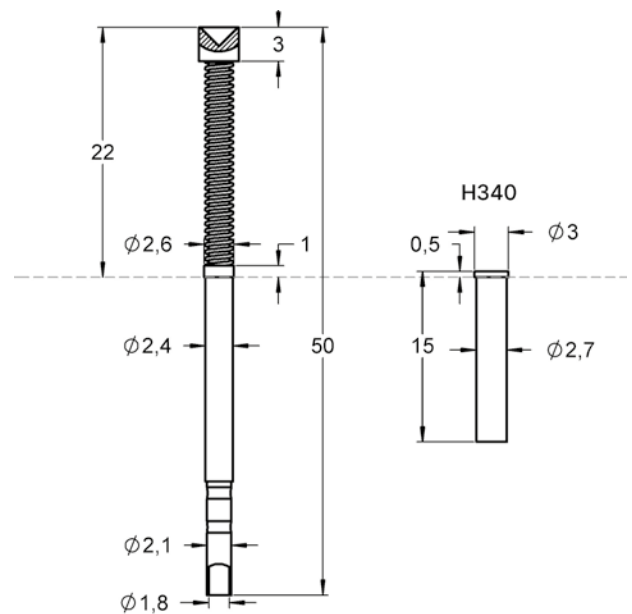
Total length [mm]	50.00
Projection height [mm]	22.00
Tip style diameter [mm]	3.00
Barrel diameter [mm]	2.40
Collar diameter [mm]	2.60
Press ring diameter [mm]	2.60

Materials & surfaces

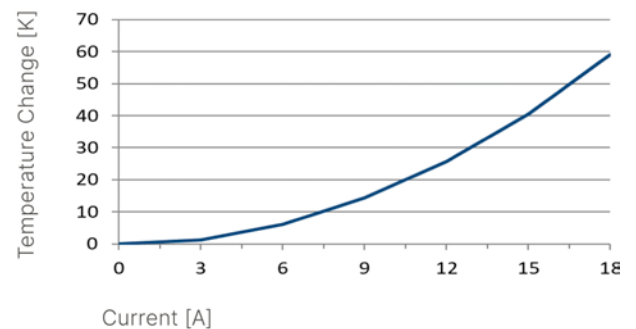
Tip style	17
Tip style material	Silver
Tip style plating	Uncoated
Plunger material	Steel
Plunger plating	Nickel
Barrel material	Bronze
Barrel plating	Uncoated
Spring material	High-grade steel
Spring plating	Uncoated

Family drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current



Accessories

Other	1001698-H340
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Tip style 1

