



High Current Probes

HCF56606B400G500

Order code 1029496

General

Design	Basic Contact Probe
Family	HCF566
Pitch [mm/mil]	4.50 / 177
Temperature [C°]	-45°C...+200°C

Electrical specifications

Continuous current [A]	40.00
Typical contact resistance [mOhm]	15.00

Mechanical specifications

Preload [cN]	300.00
Spring force [cN]	500.00
Nominal travel [mm]	4.30
Maximum travel [mm]	6.40
Pointing accuracy +/- [mm]	0.10

Dimensions

Total length [mm]	36.10
Projection height [mm]	8.90
Tip style diameter [mm]	4.00
Barrel diameter [mm]	3.18

Materials & surfaces

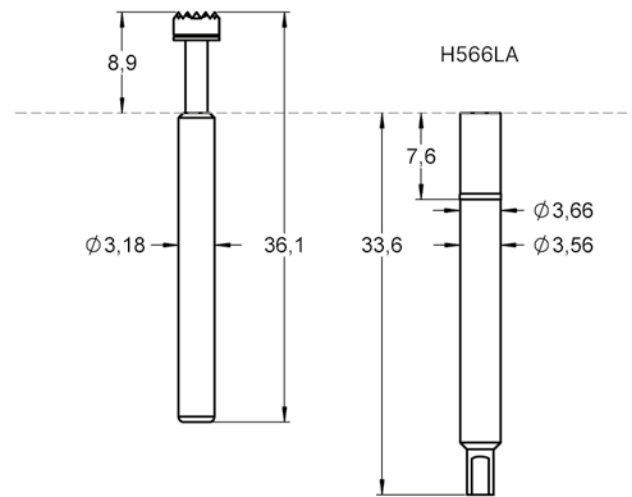
Tip style	06
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Bronze
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated

Accessories

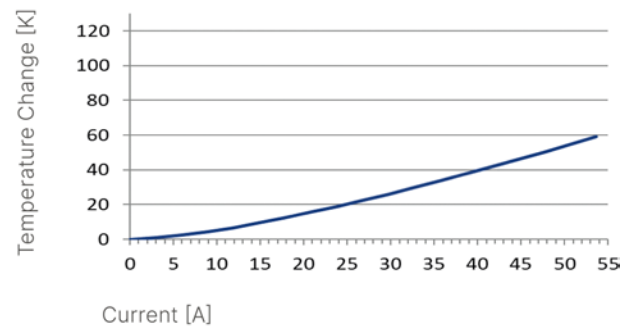
Other	1001827-H566LA
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Family drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current



Tip style 1

