



High Current Probes

HCF34812A600U700A

Order code 1133197

General

Design	Coaxial Probe
Family	HCF348
Pitch [mm/mil]	7.60 / 300
Temperature [C°]	-45°C...+200°C

Electrical specifications

Continuous current [A]	100.00
Typical contact resistance [mOhm]	5.00

Mechanical specifications

Preload [cN]	400.00
Spring force [cN]	700.00
Nominal travel [mm]	4.40
Maximum travel [mm]	5.50
Thread	M5
Tool size [mm]	6

Dimensions

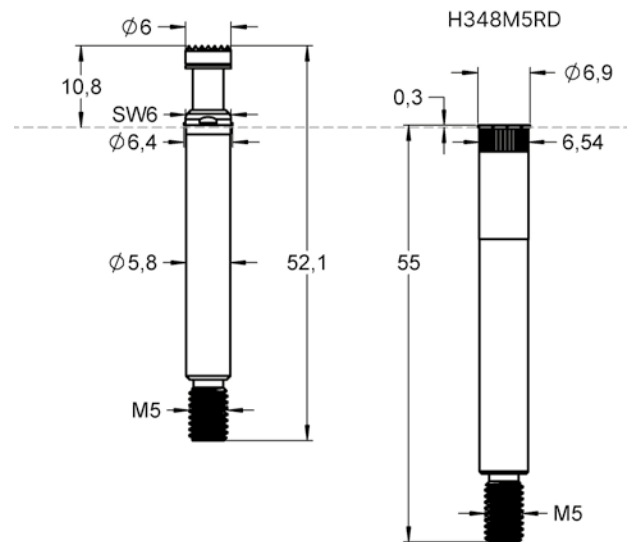
Total length [mm]	52.10
Projection height [mm]	8.50
Tip style diameter [mm]	6.00
Barrel diameter [mm]	5.80
Collar diameter [mm]	6.40
Press ring diameter [mm]	6.40

Materials & surfaces

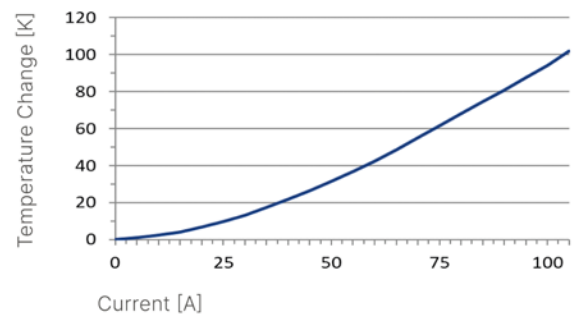
Tip style	12
Tip style material	Silver
Tip style plating	Uncoated
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Silver
Spring material	Spring steel
Spring plating	Gold

Family drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current



Accessories

Receptacle	H348M5RD
Tool for receptacle	FEWZ-348E0
Tool for probe	1023246-FWZ348, 1031601-FWZ348T
Other	1023187-H348M5RD

Tip style 1

