

High Current Probes

HCF77506B300G500L418

Item number 1035575

General

Design	Basic Contact Probe
Type/family	HCF775
Pitch (mm/mil)	5,00 / 197
Temperature [C°]	-45°C...+200°C
Additional definition	CLS1

Electrical specifications

Continuous current (A)	50.00
Typical contact resistance (mOhm)	5.00

Mechanical specifications

Preload (cN)	220.00
Spring force (cN)	500.00
Nominal travel (mm)	7.40
Maximum travel (mm)	8.50
Pointing accuracy +/- (mm)	0.10

Dimensions

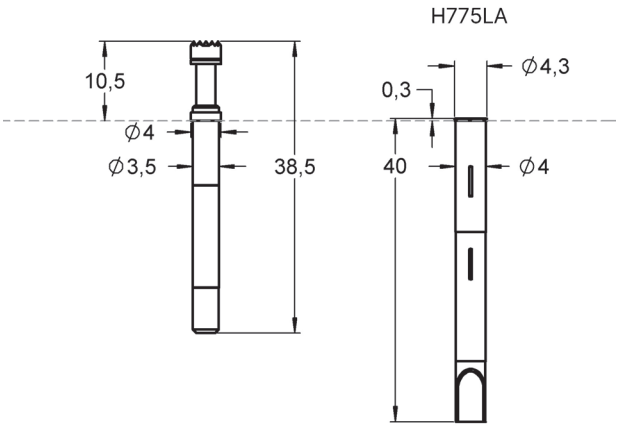
Total length (mm)	41.80
Projection height (mm)	13.80
Tip style diameter (mm)	3.00
Barrel diameter (mm)	3.50
Collar diameter (mm)	4.00
Press ring diameter (mm)	4.00

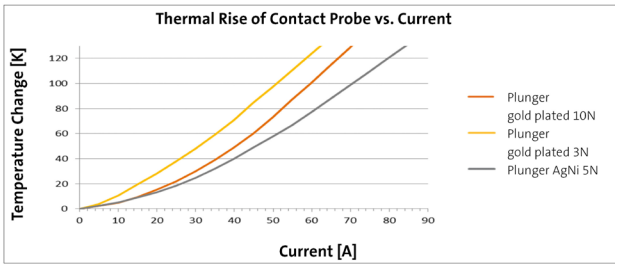
Materials & surfaces

Tip style	06
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated

Family drawing

All measurements are in mm.





Accessories

Tool for receptacle	FEWZ-735E0