

High Current Probes

HCF77506B400G300A

Item number 1091012

General

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

Electrical specifications

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

Mechanical specifications

Preload (cN)	150.00
Spring force (cN)	300.00
Nominal travel (mm)	4.40
Maximum travel (mm)	5.50
Pointing accuracy +/- (mm)	0.10

Dimensions

Total length (mm)	38.50
Projection height (mm)	10.50
Tip style diameter (mm)	4.00
Barrel diameter (mm)	3.50
Collar 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	Silver
Spring material	High-grade steel
Spring plating	Uncoated

Family drawing

All measurements are in mm.



