

High Current Probes

HCF77505B400G300

Item number 1005049

General

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

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
Press ring diameter (mm)	4.00

Materials & surfaces

Tip style	05
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.



