

High Current Probes

HCF77311B180G300

Item number 1019593

General

Design	Basic Contact Probe
Type/family	HCF773
Pitch (mm/mil)	3,50 / 138
Temperature [C°]	-45°C...+200°C
Additional definition	C

Electrical specifications

Continuous current (A)	25.00
Typical contact resistance (mOhm)	8.00

Mechanical specifications

Preload (cN)	60.00
Spring force (cN)	300.00
Nominal travel (mm)	4.00
Maximum travel (mm)	5.00
Pointing accuracy +/- (mm)	0.10

Dimensions

Total length (mm)	27.30
Projection height (mm)	10.30
Tip style diameter (mm)	1.80
Barrel diameter (mm)	2.65
Collar diameter (mm)	3.00
Press ring diameter (mm)	3.00

Materials & surfaces

Tip style	11
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.



