

High Current Probes

HCF56612B400G500

Item number 1029497

General

Design	Basic Contact Probe
Type/family	HCF566
Pitch (mm/mil)	4,50 / 177
Temperature [C°]	-45°C...+200°C
Additional definition	C

Electrical specifications

Continuous current (A)	35.00
Typical contact resistance (mOhm)	15.00

Mechanical specifications

Preload (cN)	300.00
Spring force (cN)	500.00
Nominal travel (mm)	4.30
Maximum travel (mm)	6.40
Pointing accuracy +/- (mm)	0.10

Dimensions

Total length (mm)	36.10
Projection height (mm)	8.90
Tip style diameter (mm)	4.00
Barrel diameter (mm)	3.18

Materials & surfaces

Tip style	12
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Bronze
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated

Family drawing

All measurements are in mm.



