

High Current Probes

HCF33812A400U500A

Item number 1132857

General

Design	Basic Contact Probe
Type/family	HCF338
Pitch (mm/mil)	5,70 / 225
Temperature [C°]	-45°C...+200°C

Electrical specifications

Typical contact resistance (mOhm)	5.00

Mechanical specifications

Preload (cN)	200.00
Spring force (cN)	500.00
Nominal travel (mm)	4.40
Maximum travel (mm)	5.50
Thread	M5
Tool size (mm)	5

Dimensions

Total length (mm)	43.10
Projection height (mm)	8.50
Tip style diameter (mm)	4.00
Barrel diameter (mm)	5.00
Collar diameter (mm)	5.60
Press ring diameter (mm)	5.60

Family drawing

All measurements are in mm.

Materials & surfaces

Tip style	12
Tip style material	Silver
Tip style plating	Uncoated
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Silver
Spring material	High-grade steel
Spring plating	Gold