



High Current Probes

HCE04FA52G10E089

Order code 1167327

General

Design	Basic Contact Probe
Family	HCE04
Pitch [mm/mil]	8.00 / 314
Temperature [C°]	-45°C...+200°C

Electrical specifications

Continuous current [A]	40.00
Typical contact resistance [mOhm]	2.00

Mechanical specifications

Preload [cN]	500.00
Spring force [cN]	1000.00
Nominal travel [mm]	4.40
Maximum travel [mm]	5.50
Thread	M5
Tool size [mm]	6.5

Dimensions

Total length [mm]	69.00
Projection height [mm]	36.00
Tip style diameter [mm]	6.90
Barrel diameter [mm]	5.00

Materials & surfaces

Tip style	52
Plunger material	Brass
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated

Family drawing

All measurements are in mm.

