

High Current Probes

HCE04FB52G10E081

Item number 1039767

General

Design	Basic Contact Probe
Type/family	HCE04F
Pitch (mm/mil)	8,00 / 314
Temperature [C°]	-45°C...+200°C
Additional definition	B

Electrical specifications

Continuous current (A)	40.00
Typical contact resistance (mOhm)	5.00
Continuous current 2 (A)	2.00
Typical contact resistance 2 (mOhm)	20.00

Mechanical specifications

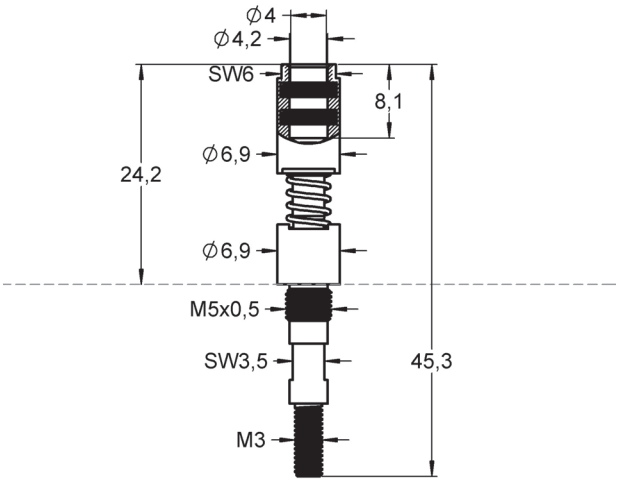
Preload (cN)	600.00
Spring force (cN)	1000.00
Nominal travel (mm)	4.40
Maximum travel (mm)	5.50
Thread	M5X0,5
Tool size (mm)	6,0
DUT	HPS 40-2 MALE

Dimensions

Total length (mm)	45.30
Projection height (mm)	24.20
Tip style diameter (mm)	4.00
Barrel diameter (mm)	6.90
Collar diameter (mm)	6.90
Press ring diameter (mm)	6.90
Tip style diameter 2 (mm)	3.95

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	52
Tip style 2	55
Tip style material	Brass
Tip style plating	Gold
Plunger material	Brass
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Uncoated
Spring material	High-grade steel
Spring plating	Uncoated