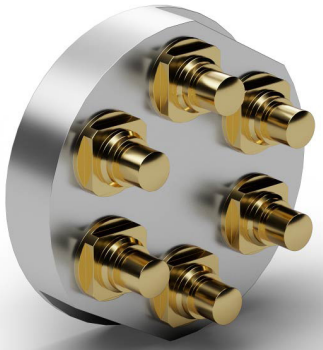


High Current Probes

HCB085A11MG4

Item number 1012158

General

Design	Basic Contact Probe
Type/family	HCB085
Pitch (mm/mil)	12,0 / 472
Temperature [C°]	-45°C...+200°C
Additional definition	A

Electrical specifications

Continuous current (A)	50.00
Typical contact resistance (mOhm)	4.00

Mechanical specifications

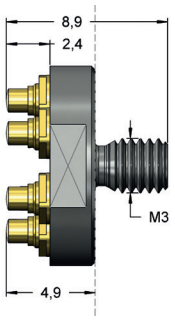
Preload (cN)	300.00
Spring force (cN)	480.00
Nominal travel (mm)	1.00
Maximum travel (mm)	1.20
Thread	M3
Tool size (mm)	10,0
Connection type (flux-proof)	Thread

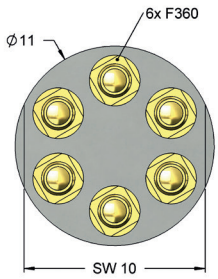
Dimensions

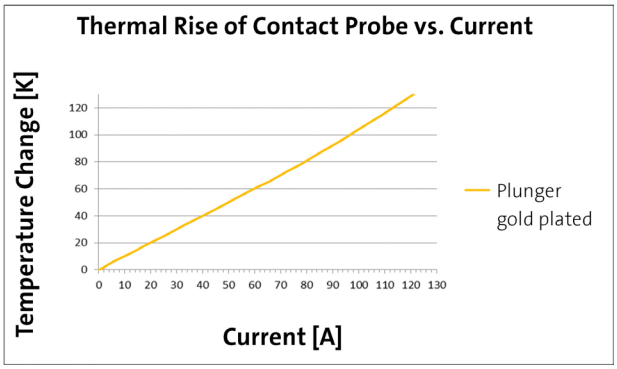
Total length (mm)	8.90
Projection height (mm)	4.90
Tip style diameter (mm)	1.30
Barrel diameter (mm)	11.00
Collar diameter (mm)	11.00
Press ring diameter (mm)	11.00

Family drawing

All measurements are in mm.







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