

High Current Probes

HCF76289B310100250G300

Item number 1018509

General

Design	Basic Contact Probe
Type/family	HCF762
Pitch (mm/mil)	4,00 / 157
Temperature [C°]	-45°C...+200°C
Additional definition	C

Electrical specifications

Continuous current (A)	40.00
Typical contact resistance (mOhm)	5.00

Mechanical specifications

Preload (cN)	70.00
Spring force (cN)	300.00
Nominal travel (mm)	4.00
Maximum travel (mm)	5.00
Pointing accuracy +/- (mm)	0.05
Thread	M2,5
Tool size (mm)	2,6

Dimensions

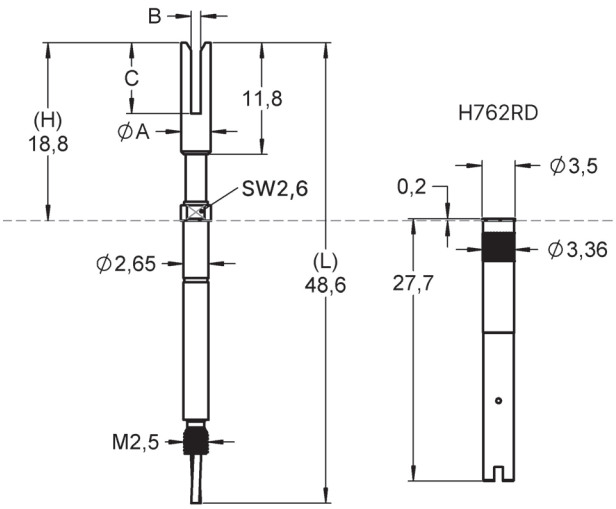
Total length (mm)	48.60
Projection height (mm)	18.80
Tip style diameter (mm)	3.10
Barrel diameter (mm)	2.65
Collar diameter (mm)	3.20
Press ring diameter (mm)	3.20
A – spade diameter (mm)	3.10
B – spade width (mm)	1.00
C – spade length (mm)	2.50
C – pin length (mm)	2.50

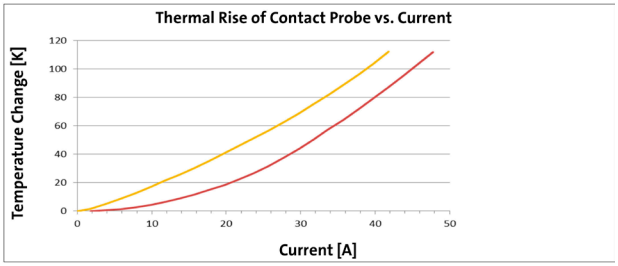
Accessories

Tool for receptacle	FAWZ761

Family drawing

All measurements are in mm.





Materials & surfaces

Tip style	89
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