



HCF76289B218080570G300

Order code 1023603

Design	Basic Contact Probe
Family	HCF762
Pitch [mm/mil]	4.00 / 157
Temperature [C°]	-45°C...+200°C

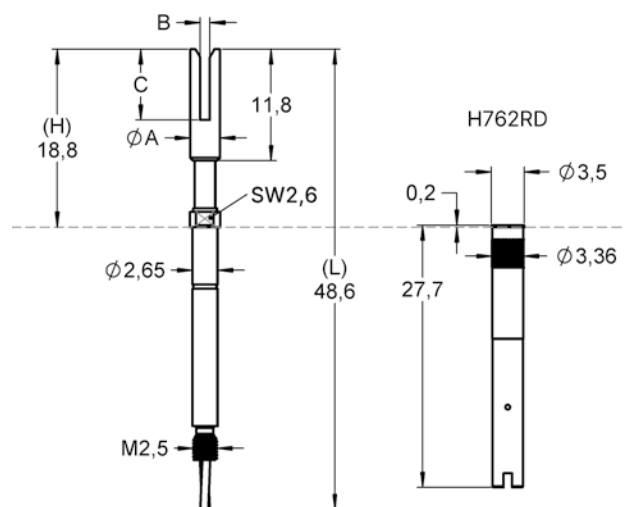
Continuous current [A]	40.00
Typical contact resistance [mOhm]	5.00

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

Total length [mm]	48.60
Projection height [mm]	18.80
Tip style diameter [mm]	2.18
Barrel diameter [mm]	2.65
Collar diameter [mm]	3.20
Press ring diameter [mm]	3.20

Tip style	89
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated

All measurements are in mm.



The graph shows the temperature change of a 100 W incandescent lamp as a function of current. The x-axis represents Current [A] from 0 to 50, and the y-axis represents Temperature Change [K] from 0 to 30. The curve starts at (0,0) and increases non-linearly, reaching approximately 24 K at 50 A.

Current [A]	Temperature Change [K]
0	0
5	0.1
10	0.4
15	1.0
20	2.0
25	3.5
30	5.5
35	8.0
40	11.0
45	15.0
50	24.0

Tool for receptacle	FAWZ761
Tool for probe	1008822-FWZ885S1, 1029833-FWZ885S1T
Other	1009947-H762RD

Tip style 1

