



High Current Probes

HCF73212A200U300A

Order code 1165609

General

Design	Basic Contact Probe
Family	HCF732
Pitch [mm/mil]	2.54 / 100
Temperature [C°]	-45°C...+200°C
Additional definition	A

Electrical specifications

Continuous current [A]	20.00
Typical contact resistance [mOhm]	10.00

Mechanical specifications

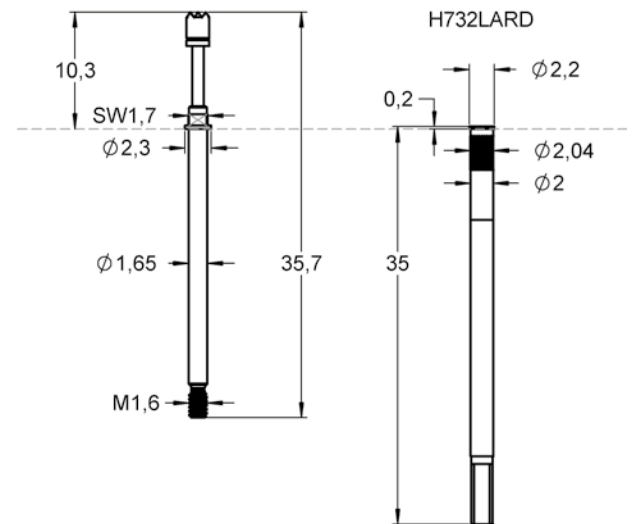
Preload [cN]	50.00
Spring force [cN]	300.00
Nominal travel [mm]	4.00
Maximum travel [mm]	5.00
Pointing accuracy +/- [mm]	0.08
Thread	M1.6
Tool size [mm]	1.7

Dimensions

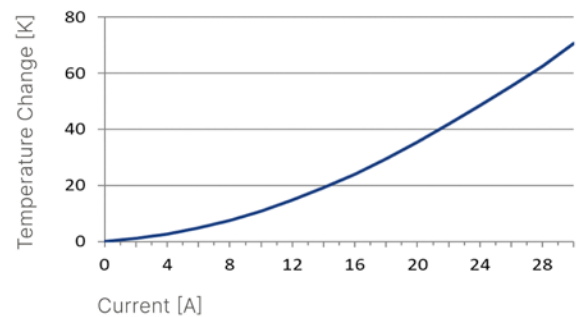
Total length [mm]	35.70
Projection height [mm]	10.30
Tip style diameter [mm]	2.00
Barrel diameter [mm]	1.65
Collar diameter [mm]	2.30
Press ring diameter [mm]	2.30

Family drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current



Materials & surfaces

Tip style	12
Tip style material	Silver
Tip style plating	Uncoated
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Silver
Spring material	High-grade steel
Spring plating	Uncoated

Accessories

Tool for receptacle	FEWZ-772E0
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