



High Current Probes

HCF77214B130G300

Order code 1007945

General

Design	Basic Contact Probe
Family	HCF772
Pitch [mm/mil]	2.54 / 100
Temperature [C°]	-45°C...+200°C

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

Dimensions

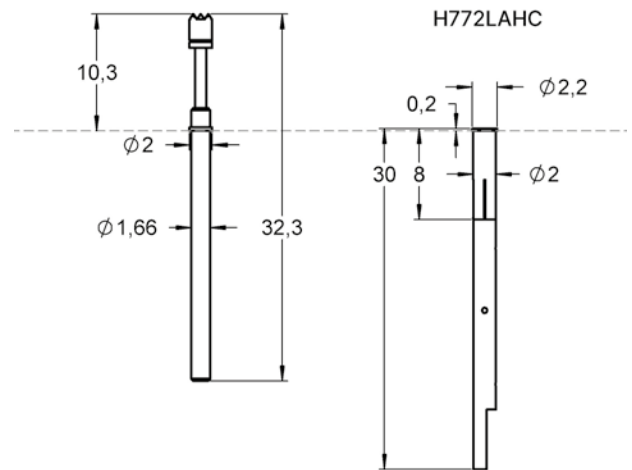
Total length [mm]	32.30
Projection height [mm]	10.50
Tip style diameter [mm]	1.30
Barrel diameter [mm]	1.66
Collar diameter [mm]	2.00
Press ring diameter [mm]	2.00

Materials & surfaces

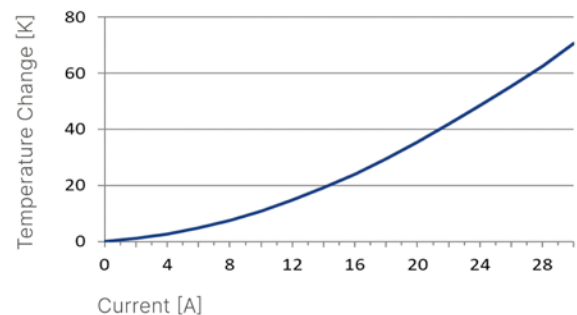
Tip style	14
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated

Family drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current



Accessories

Tool for receptacle	FEWZ-772
Tool for probe	1003566-FDWZ-100
Other	1007939-H772LAHC

Tip style 1

