

High Current Probes

HCF77216B100G300

Item number 1005046

General

Design	Basic Contact Probe
Type/family	HCF772
Pitch (mm/mil)	2,54 / 100
Temperature [C°]	-45°C...+200°C
Additional definition	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

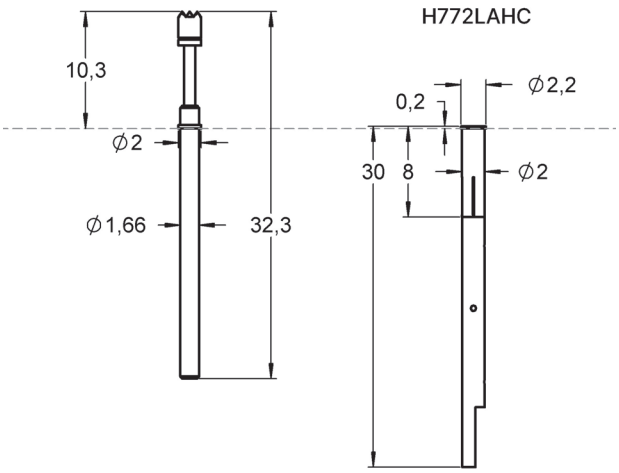
Total length (mm)	32.30
Projection height (mm)	10.50
Tip style diameter (mm)	1.00
Barrel diameter (mm)	1.66
Collar diameter (mm)	2.00
Press ring diameter (mm)	2.00

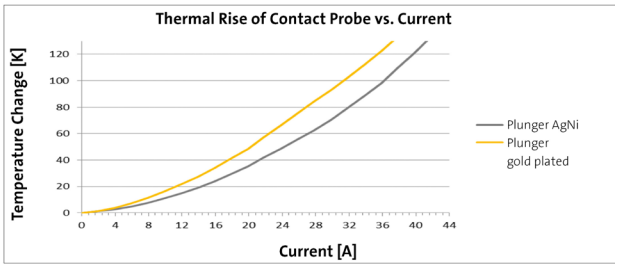
Materials & surfaces

Tip style	16
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

Family drawing

All measurements are in mm.





Accessories

Tool for receptacle	FEWZ-772