



High Current Probes

HCF32004S135N130

Order code 1003496

General

Design	Basic Contact Probe
Family	HCF320
Pitch [mm/mil]	2.54 / 100
Temperature [C°]	-45°C...+200°C

Electrical specifications

Continuous current [A]	12.00
Typical contact resistance [mOhm]	20.00

Mechanical specifications

Preload [cN]	50.00
Spring force [cN]	130.00
Nominal travel [mm]	3.20
Maximum travel [mm]	4.00
Pointing accuracy +/- [mm]	0.10

Dimensions

Total length [mm]	32.00
Projection height [mm]	13.20
Tip style diameter [mm]	1.35
Barrel diameter [mm]	1.35
Collar diameter [mm]	1.50
Press ring diameter [mm]	1.50

Materials & surfaces

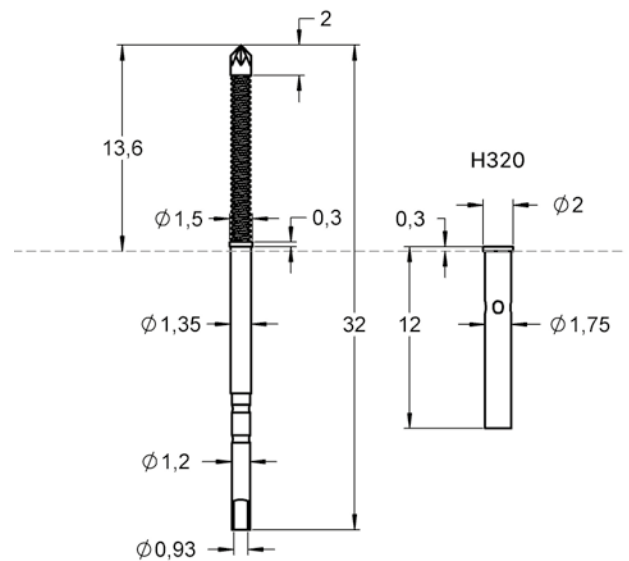
Tip style	04
Plunger material	Steel
Plunger plating	Nickel
Barrel material	Bronze
Barrel plating	Uncoated
Spring material	High-grade steel
Spring plating	Uncoated

Accessories

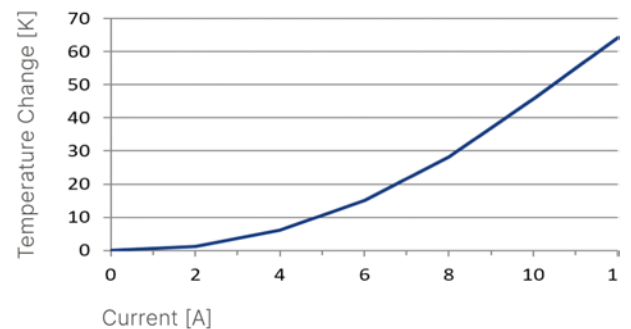
Tool for probe	1003587-FDWZ-075
Other	1001696-H320

Family drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current



Tip style 1

