

High Current Probes

HCF32004S135N130

Item number 1003496

General

Design	Basic Contact Probe
Type/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
Tip style material	Steel
Tip style plating	Nickel
Plunger material	Steel
Plunger plating	Nickel
Barrel material	Bronze
Barrel plating	Uncoated
Spring material	High-grade steel
Spring plating	Uncoated

Family drawing

All measurements are in mm.



