

High Current Probes

HCF33005S210N415

Item number 1006527

General

Design	Basic Contact Probe
Type/family	HCF330
Pitch (mm/mil)	3,00 / 118
Temperature [C°]	-45°C...+200°C

Electrical specifications

Continuous current (A)	14.00
Typical contact resistance (mOhm)	15.00

Mechanical specifications

Preload (cN)	180.00
Spring force (cN)	415.00
Nominal travel (mm)	5.60
Maximum travel (mm)	7.00
Pointing accuracy +/- (mm)	0.10

Dimensions

Total length (mm)	40.00
Projection height (mm)	18.50
Tip style diameter (mm)	2.10
Barrel diameter (mm)	2.00
Collar diameter (mm)	2.20
Press ring diameter (mm)	2.20

Materials & surfaces

Tip style	05
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.



