

High Current Probes

HCF71312B230G150S1

Item number 1094356

General

Design	Basic Contact Probe
Type/family	HCF713
Pitch (mm/mil)	4,00 / 157
Temperature [C°]	-45°C...+200°C
Additional definition	S1

Electrical specifications

Continuous current (A)	25.00
Typical contact resistance (mOhm)	8.00

Mechanical specifications

Preload (cN)	70.00
Spring force (cN)	150.00
Nominal travel (mm)	2.80
Maximum travel (mm)	3.50
Pointing accuracy +/- (mm)	0.10

Dimensions

Total length (mm)	15.00
Projection height (mm)	7.10
Tip style diameter (mm)	2.30
Barrel diameter (mm)	2.65
Collar diameter (mm)	3.20
Press ring diameter (mm)	3.20

Materials & surfaces

Tip style	12
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.



