

High Current Probes

HCF31005B130G032L387

Item number 1003379

General

Design	Basic Contact Probe
Type/family	HCF310
Pitch (mm/mil)	1,90 / 75
Temperature [C°]	-45°C...+200°C
Additional definition	S3

Electrical specifications

Continuous current (A)	10.00
Typical contact resistance (mOhm)	25.00

Mechanical specifications

Preload (cN)	10.00
Spring force (cN)	32.00
Nominal travel (mm)	3.00
Maximum travel (mm)	5.50
Pointing accuracy +/- (mm)	0.10

Dimensions

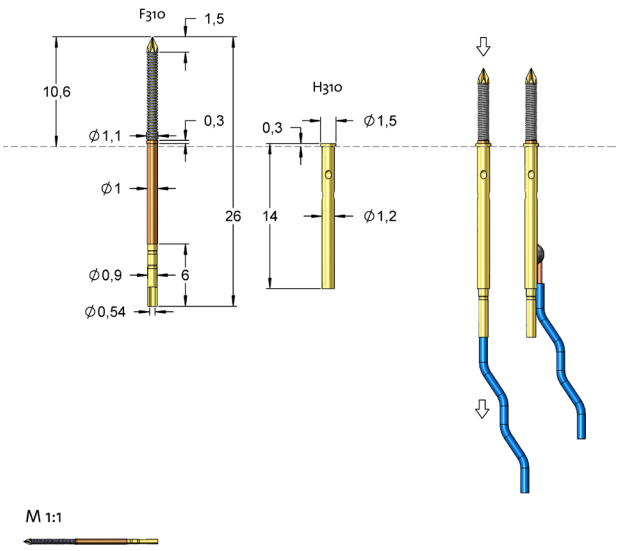
Total length (mm)	38.70
Projection height (mm)	16.80
Tip style diameter (mm)	1.30
Barrel diameter (mm)	0.99
Collar diameter (mm)	1.10
Press ring diameter (mm)	1.10

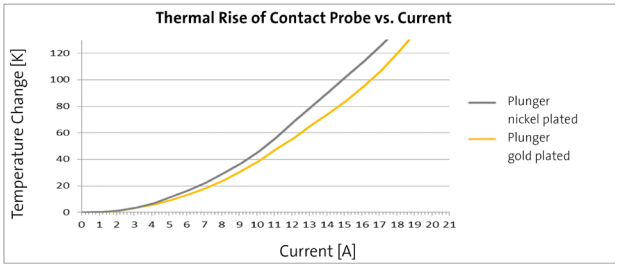
Materials & surfaces

Tip style	05
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Bronze
Barrel plating	Uncoated
Spring material	High-grade steel
Spring plating	Uncoated

Family drawing

All measurements are in mm.





Accessories

Tool for receptacle	FEWZ-075E0