

High Current Probes

HCF31005S110N090

Item number 1003495

General

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

Electrical specifications

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

Mechanical specifications

Preload (cN)	40.00
Spring force (cN)	90.00
Nominal travel (mm)	2.40
Maximum travel (mm)	3.00
Pointing accuracy +/- (mm)	0.10

Dimensions

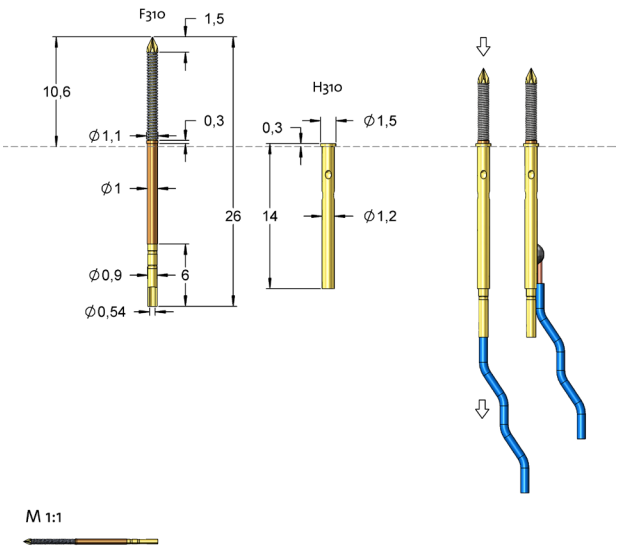
Total length (mm)	26.00
Projection height (mm)	10.20
Tip style diameter (mm)	1.10
Barrel diameter (mm)	0.99
Collar diameter (mm)	1.10
Press ring diameter (mm)	1.10

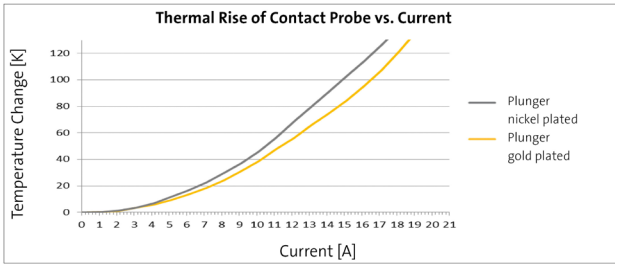
Materials & surfaces

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.





Accessories

Tool for receptacle	FEWZ-075E0