

FM Choice

Basic Contact Probes

F05033S050P200HP

Item number 1010224

General

Design	Basic Contact Probe
Type/family	F050
Pitch (mm/mil)	1,27 / 50
Temperature [C°]	-45°C...+100°C
Additional definition	HP

Electrical specifications

Continuous current (A)	3.00
Typical contact resistance (mOhm)	40.00

Mechanical specifications

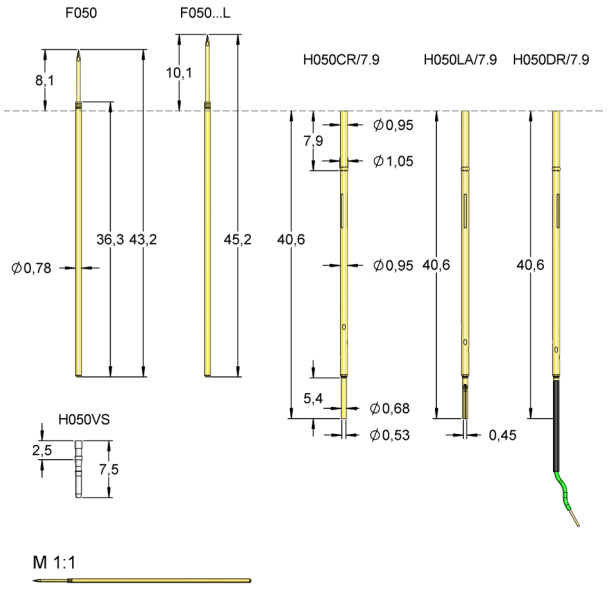
Preload (cN)	120.00
Spring force (cN)	200.00
Nominal travel (mm)	4.30
Maximum travel (mm)	6.40
Pointing accuracy +/- (mm)	0.05

Dimensions

Total length (mm)	43.20
Projection height (mm)	6.90
Tip style diameter (mm)	0.50
Barrel diameter (mm)	0.78

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	33
Tip style material	Steel
Tip style plating	Progressive
Plunger material	Steel
Plunger plating	Progressive
Barrel material	Bronze
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Gold

Accessories

Tool for receptacle	FEWZ-050EV