FEINMETALL
Contact Technologies



Basic Contact Probes

F05021S050P200HP

Order code 1010225

General

Design	Basic Contact Probe
Family	F050
Pitch [mm/mil]	1.27 / 50
Temperature [C°]	-45°C...+80°C
Additional definition	HP

Electrical specifications

Continuous current [A]	3.00
Typical contact resistance [mOhm]	40.00

Mechanical specifications

Preload [cN]	125.00
Spring force [cN]	200.00
Nominal travel [mm]	4.30
Maximum travel [mm]	6.40
Pointing accuracy +/- [mm]	0.05

Dimensions

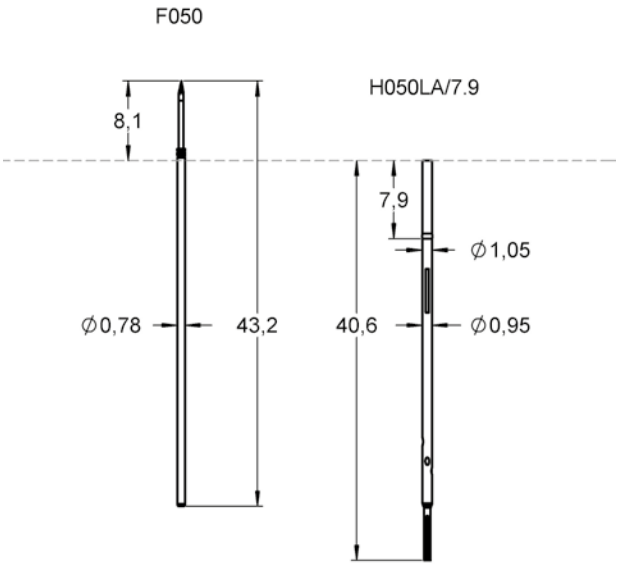
Total length [mm]	43.20
Projection height [mm]	8.10
Tip style diameter [mm]	0.50
Barrel diameter [mm]	0.78

Materials & surfaces

Tip style	21
Plunger material	Steel
Plunger plating	Progressive
Barrel material	Bronze
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Gold

Family drawing

All measurements are in mm.



Accessories

Tool for receptacle	FEWZ-050EV
Tool for probe	1003576-FDWZ-050
Other	1120178-H050DRS1-7.9, 1010850-H050DR-7.9, 1010849-H050LA-7.9, 1010847-H050CR-7.9, 1012157-H050WL11-7.6

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Tip style 1



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