FEINMETALL
Contact Technologies



Basic Contact Probes

F05015B090G200

Order code 1017077

General

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

Electrical specifications

Continuous current [A]	3.00
Typical contact resistance [mOhm]	20.00

Mechanical specifications

Preload [cN]	90.00
Spring force [cN]	200.00
Nominal travel [mm]	4.30
Maximum travel [mm]	6.40
Pointing accuracy +/- [mm]	0.05

Dimensions

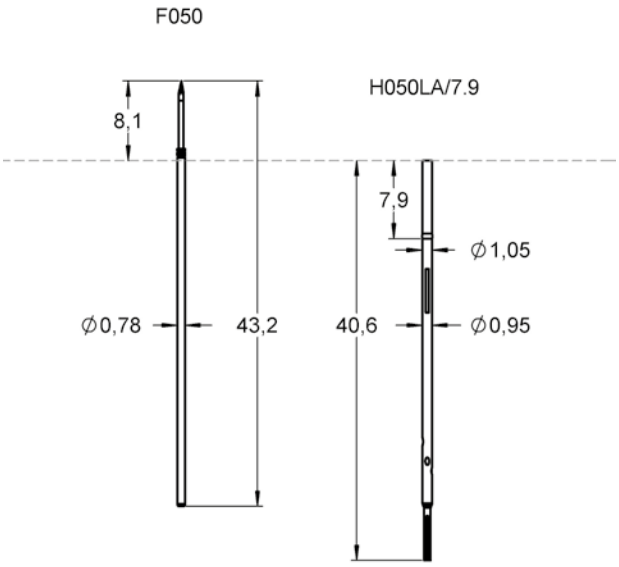
Total length [mm]	43.20
Projection height [mm]	6.90
Tip style diameter [mm]	0.90
Barrel diameter [mm]	0.78

Materials & surfaces

Tip style	15
Plunger material	Beryllium copper
Plunger plating	Gold
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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