FEINMETALL
Contact Technologies

Fine Pitch Probes

FP580D1629B030G040L059

Order code 1001489

General

Design	Double Plunger Probe
Family	FP-D
Pitch [mm/mil]	0.75 / 30
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current [A]	3.50
Typical contact resistance [mOhm]	50.00

Mechanical specifications

Preload [cN]	20.00
Spring force [cN]	40.00
Nominal travel [mm]	0.50
Maximum travel [mm]	1.00
Pointing accuracy +/- [mm]	0.09

Dimensions

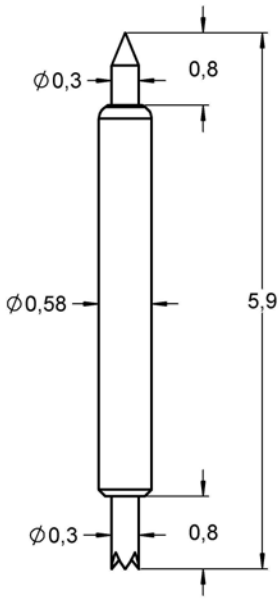
Total length [mm]	5.90
Projection height [mm]	0.80
Tip style diameter [mm]	0.30
Barrel diameter [mm]	0.58
Tip style diameter 2 [mm]	0.30

Materials & surfaces

Tip style	16
Tip style 2	29
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Bronze
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Silver
Plunger material 2	Beryllium copper
Plunger plating 2	Gold

Family drawing

All measurements are in mm.



Tip style 1

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Tip style 2

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