

Fine Pitch Probes

FP580D1629B030G040L059

Item number 1001489

General

Design	Double Plunger Probe
Type/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

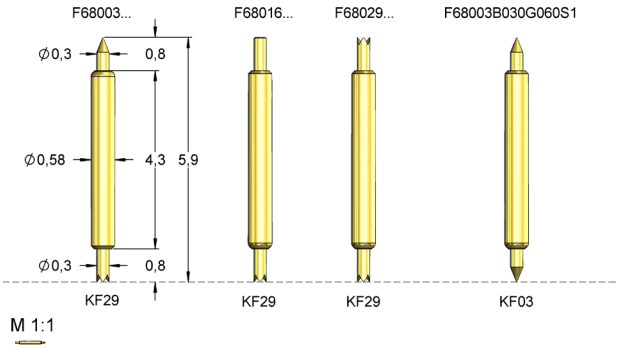
Preload (cN)	20.00
Spring force (cN)	40.00
Nominal travel (mm)	0.50
Maximum travel (mm)	1.00
Pointing accuracy +/- (mm)	0.09

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

Family drawing

All measurements are in mm.



Materials & surfaces

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