FEINMETALL
Contact Technologies



Basic Contact Probes

F56318B130G180

Order code 1001333

General

Design	Basic Contact Probe
Family	F563
Pitch [mm/mil]	3.00 / 118
Temperature [C°]	-45°C...+80°C

Electrical specifications

Continuous current [A]	6.00
Typical contact resistance [mOhm]	100.00

Mechanical specifications

Preload [cN]	90.00
Spring force [cN]	180.00
Nominal travel [mm]	4.30
Maximum travel [mm]	6.40
Pointing accuracy +/- [mm]	0.10

Dimensions

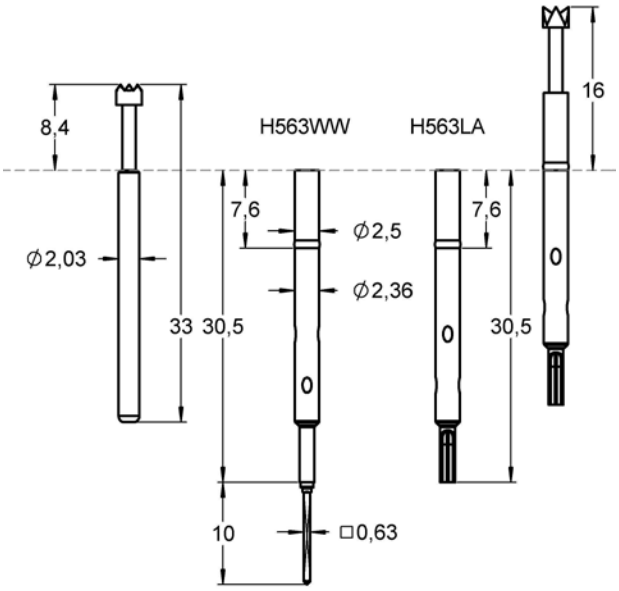
Total length [mm]	33.00
Projection height [mm]	16.00
Tip style diameter [mm]	1.30
Barrel diameter [mm]	2.03

Materials & surfaces

Tip style	18
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Bronze
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated

Family drawing

All measurements are in mm.



Accessories

Tool for receptacle	FEWZ-563
Tool for probe	1003566-FDWZ-100
Other	1001703-H563CR, 1001705-H563WW, 1001704-H563LA

Tip style 1



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