

Basic Contact Probes

F56305B250G300

Item number 1007198

General

Design	Basic Contact Probe
Type/family	F563
Pitch (mm/mil)	3,00 / 118
Temperature [C°]	-45°C...+200°C

Electrical specifications

Continuous current (A)	6.00
Typical contact resistance (mOhm)	100.00

Mechanical specifications

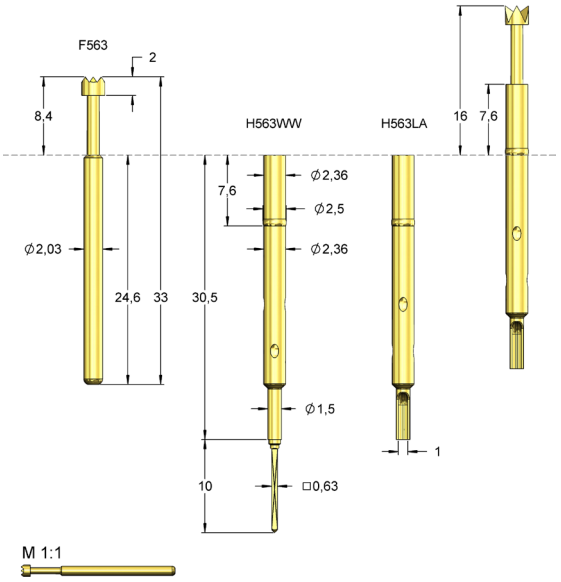
Preload (cN)	180.00
Spring force (cN)	300.00
Nominal travel (mm)	4.30
Maximum travel (mm)	6.40
Pointing accuracy +/- (mm)	0.10

Dimensions

Total length (mm)	33.00
Projection height (mm)	16.00
Tip style diameter (mm)	2.50
Barrel diameter (mm)	2.03

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	05
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Bronze
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated

Accessories

Tool for receptacle	FEWZ-563