

FM Choice

Twist-Proof Probes

F75684B0001G150

Item number 1005089

General

Design	Basic Contact Probe
Type/family	F756
Pitch (mm/mil)	2,54 / 100
Temperature [C°]	-45°C...+200°C

Electrical specifications

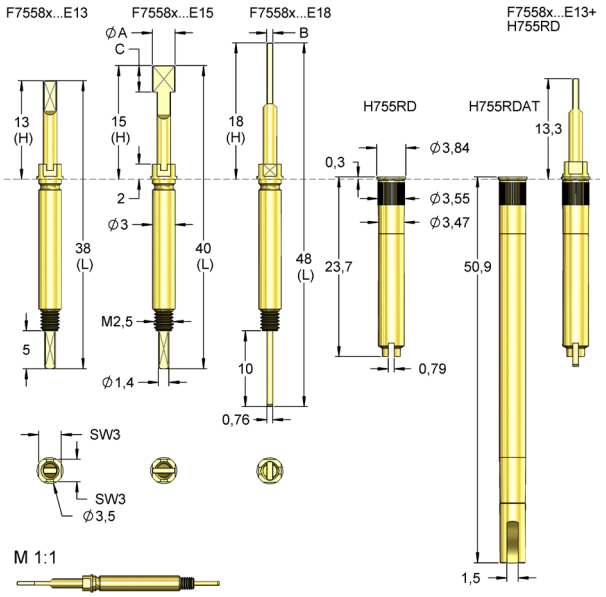
Continuous current (A)	5.00
Typical contact resistance (mOhm)	25.00

Mechanical specifications

Preload (cN)	60.00
Spring force (cN)	150.00
Nominal travel (mm)	4.00
Maximum travel (mm)	4.40
Pointing accuracy +/- (mm)	0.08
Thread	M1,6
Tool size (mm)	1,7

Family drawing

All measurements are in mm.



Dimensions

Total length (mm)	41.60
Projection height (mm)	10.30
Tip style diameter (mm)	1.50
Barrel diameter (mm)	1.64
Collar diameter (mm)	2.30
Press ring diameter (mm)	2.30
A – spade diameter (mm)	1.50
B – spade width (mm)	0.50
C – spade length (mm)	4.15
C – pin length (mm)	4.15

Materials & surfaces

Tip style	84
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated