

Basic Contact Probes

F11109S090N085

Item number 1001409

General

Design	Basic Contact Probe
Type/family	F111
Pitch (mm/mil)	1,27 / 50
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current (A)	3.00
Typical contact resistance (mOhm)	65.00

Mechanical specifications

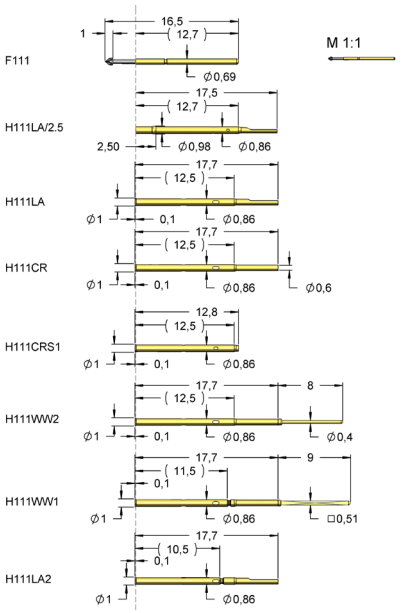
Preload (cN)	20.00
Spring force (cN)	85.00
Nominal travel (mm)	2.00
Maximum travel (mm)	2.80
Pointing accuracy +/- (mm)	0.09

Dimensions

Total length (mm)	16.50
Projection height (mm)	4.00
Tip style diameter (mm)	0.90
Barrel diameter (mm)	0.69

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	09
Tip style material	Steel
Tip style plating	Nickel
Plunger material	Steel
Plunger plating	Nickel
Barrel material	Bronze
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Silver

Accessories

Tool for receptacle	FEWZ-511E0