

Pogo Connectors

P14028B180G120TL080ST

Item number 1024544

General

Design	Basic Contact Probe
Type/family	P-T / P140T-L080
Pitch (mm/mil)	2,20 / 87
Temperature [C°]	-45°C...+200°C

Electrical specifications

Continuous current (A)	8.00
Typical contact resistance (mOhm)	100.00

Mechanical specifications

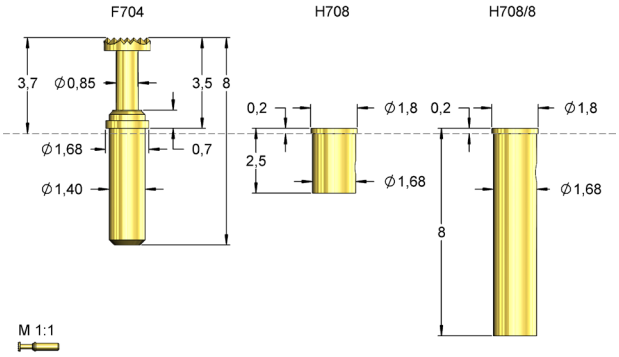
Preload (cN)	40.00
Spring force (cN)	120.00
Nominal travel (mm)	1.20
Maximum travel (mm)	2.00
Pointing accuracy +/- (mm)	0.08

Dimensions

Total length (mm)	8.00
Projection height (mm)	3.50
Tip style diameter (mm)	1.80
Barrel diameter (mm)	1.40
Collar diameter (mm)	1.68
Press ring diameter (mm)	1.68

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	28
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	Gold