

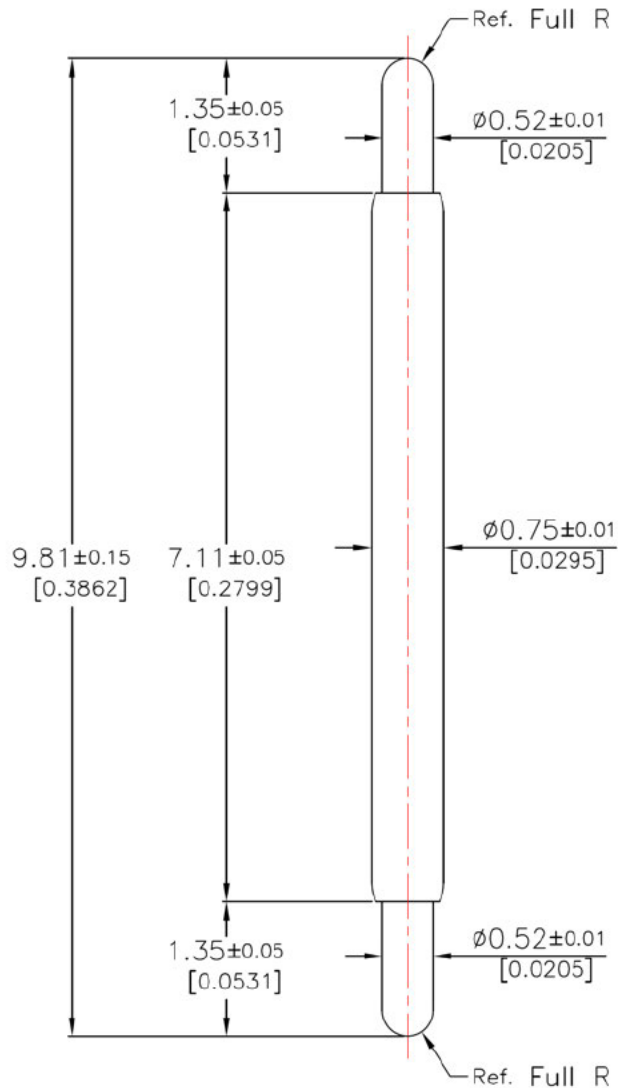
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DWG NO. 1 POGO-PIN-9.81-1

REVISION HISTORY

REV	DESCRIPTION	ECN	DATE	APRV'D
1	INITIAL RELEASE	--	03/15/17	JAG

Device Side



Board Side

Pointing Accuracy: ± 0.05 mm


Spring Force: ± 20%

STATE	TRAVEL	SPRING FORCE
Initial Travel	--	10.0g(0.352oz)
* Recommended Travel	0.89mm(0.0350")	20.0g(0.705oz)
* Full Travel	1.02mm(0.0402")	21.4g(0.756oz)

PART	MATERIAL	FINISH
Spring	Hardened Beryllium Copper Wire	Gold Plated
Barrel	Phosphor Bronze	Gold Plated
Plunger [Device Side]	Hardened Beryllium Copper	Gold Plated
Plunger [Board Side]	Hardened Beryllium Copper	Gold Plated

***NOTE:** It is important to verify the working travel of the probe when designing the fixture or socket. The recommended working travel is 0.89mm and there is only a difference of 0.13mm to full compression. Full compression may cause the pin to fail and damage the device, spring, plungers and/or PCB pads.

DIMENSIONS ARE IN MM. UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
 DECIMALS: .XX ±0.100 .XXX ±0.050 .XXXX ±0.025
 ANGULAR: XX° ±1.0° XXX° ±0.5°

CONTRACT NO. TBD				INTERCONNECT SYSTEMS INC. a molex company	
DRAWN BY Marco Nunes		DATE 3/15/17		741 FLYNN ROAD, CAMARILLO, CALIFORNIA 93012	
DESIGNER ET		DATE 3/15/17		TITLE POGO PIN 1.00mm PITCH, C/C Plungers, 20.0g SF, Au Plate Finish	
CHECKER J. GELACIO		DATE 03/15/17			
QA N/A	DATE	SIZE A	RoHS	SCALE N/A	DRAWING NO. POGO-PIN-9.81-1
PROCESS ENG. N/A	DATE	SAVED AS: POGO-PIN-9.81-1...DOC	FINISHED ASSY: --	REV 1	SHEET 1 OF 1