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DWG NO. 1 POGO-PIN-5.58-4

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REVISION HISTORY

REV	DESCRIPTION	ECN	DATE	APRVD
1	INITIAL RELEASE	--	8/1/17	JG

D

TOP

D

Pointing Accuracy: ± 0.05 mmSpring Force: $\pm 20\%$

C

C

STATE	TRAVEL	SPRING FORCE
Initial Travel	--	6.2g(0.217oz)
Recommended Travel	0.50mm(0.0197")	18.0g(0.635oz)
Full Travel	1.00mm(0.0394")	29.8g(1.052oz)

B

B

PART	MATERIAL	FINISH
Spring	Stainless Steel	Gold Plated
Barrel	Phosphor Bronze	Gold Plated
Top Plunger	Pd Alloy	Non-Plated
Bottom Plunger	Hardened Beryllium Copper	Gold Plated

B

B

Dimensions and Tolerances:

- Top Diameter: $\phi 0.38 \pm 0.01$ [0.0150]
- Top Plunger Length: 0.76 ± 0.05 [0.0299]
- Barrel Length: 4.06 ± 0.05 [0.1598]
- Middle Diameter: $\phi 0.64 \pm 0.01$ [0.0252]
- Bottom Plunger Length: 0.76 ± 0.05 [0.0299]
- Total Length: 5.58 ± 0.15 [0.2197]


A

A

BOTTOM

DIMENSIONS ARE IN MM. UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

DECIMALS:	ANGULAR:
X.X ± 0.100	X.X° $\pm 1.0^\circ$
X.XX ± 0.050	X.XX° $\pm 0.5^\circ$
X.XXX ± 0.025	

CONTRACT NO. TBD				INTERCONNECT SYSTEMS INC. a molex company	
DRAWN BY T. FOOTE		DATE 7/28/17		741 FLYNN ROAD, CAMARILLO, CALIFORNIA 93012	
DESIGNER ET		DATE 7/28/17		TITLE POGO PIN	
CHECKER J. GELACIO		DATE 8/1/17		0.80mm Pitch, E/E Plunger, 18.0g SF, Au Plate Finish	
QA	DATE	SIZE	RoHS	SCALE	DRAWING NO.
--	--	A		N/A	POGO-PIN-5.58-4
PROCESS ENG.	DATE	SAVED AS:	FINISHED ASSY:		REV
--	--	POGO-PIN-5.58-4.PDF	--		1

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SHEET 1 OF 1