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DWG NO. 1 POGO-PIN-3.20-2

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REVISION HISTORY

REV	DESCRIPTION	ECN	DATE	APRVD
1	INITIAL RELEASE	--	09/14/17	JAG

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Technical drawing of a POGO PIN showing dimensions and tolerances:

- Top diameter: 0.50 ± 0.05 [0.0197]
- Top diameter: $\phi 0.18 \pm 0.01$ [0.0071]
- Length of top section: 3.20 ± 0.15 [0.1261]
- Length of middle section: 2.30 ± 0.05 [0.0906]
- Middle diameter: $\phi 0.38 \pm 0.01$ [0.0150]
- Bottom diameter: $\phi 0.18 \pm 0.01$ [0.0071]
- Length of bottom section: 0.40 ± 0.05 [0.0158]


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

STATE	TRAVEL	SPRING FORCE
Initial Travel	--	9.5g (0.335oz)
Recommended Travel	0.45mm (0.0177)	16.0g (0.564oz)
Full Travel	0.57mm (0.0224)	18.0g (0.635oz)

PART	MATERIAL	FINISH
Plunger	Hardened Beryllium Copper	Gold Plated
Barrel	Phosphor Bronze	Gold Plated
Spring	Music Wire	Gold Plated

DIMENSIONS ARE IN MM. UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

DECIMALS:	ANGULAR:
XX: ± 0.100	X.X: $\pm 1.0^\circ$
X.XX: ± 0.050	X.XX: $\pm 0.5^\circ$
X.XXX: ± 0.025	X.XXX: $\pm 0.2^\circ$

CONTRACT NO. TBD				INTERCONNECT SYSTEMS INC. a molex company	
DRAWN BY J. GELACIO		DATE 09/14/17		741 FLYNN ROAD, CAMARILLO, CALIFORNIA 93012	
DESIGNER ET		DATE 09/14/17		TITLE POGO PIN	
CHECKER R. FLORES		DATE 09/14/17		0.65mm Pitch, H/H Plunger, 16.0g SF, Au Plate Finish	
QA	DATE	SIZE	RoHS	SCALE	DRAWING NO.
--	--	A		N/A	POGO-PIN-3.20-2
PROCESS ENG.	DATE	SAVED AS:	FINISHED ASSY:		REV
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