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DWG No. 1 2220000441.PDF

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REVISION HISTORY

REV	DESCRIPTION	ECN	DATE	APRVD
1	INITIAL RELEASE	--	07/20/18	JAG

D

TOP PLUNGER

Ref. R0.05 [R0.0020]

1.00±0.05 [0.0394]

Ø0.46±0.01 [0.0181]

4.30±0.15 [0.1693]

2.80±0.05 [0.1102]

Ø0.89±0.01 [0.0350]

0.50±0.05 [0.0197]

Ø0.46±0.01 [0.0181]

Ref. R0.05 [R0.0020]

Pointing Accuracy: ± 0.065 mm

Spring Force: ± 20%

STATE	TRAVEL	SPRING FORCE
Initial Travel	--	9.5g (0.336oz)
Recommended Travel	0.85mm (0.0335")	36.5g (1.287oz)
Full Travel	0.95mm (0.0374")	39.7g (1.399oz)

PART	MATERIAL	FINISH
Spring	Music Wire	Gold Plated
Barrel	Phosphor Bronze	Gold Plated
Plunger [Top]	Hardened Beryllium Copper	Gold Plated
Plunger [Bottom]	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 0.85mm and there is only a difference of 0.10mm to full compression. Full compression may cause the pin to fail and damage the device, spring, plungers and/or PCB pads.

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BOTTOM PLUNGER

CONTRACT NO.				INTERCONNECT SYSTEMS INTL, LLC a mollex company	
DRAWN BY R.FLORES		DATE 07/20/18		741 FLYNN ROAD, CAMARILLO, CALIFORNIA 93012	
DESIGNER ET		DATE 07/20/18		TITLE POGO PIN	
CHECKER J.GELACIO		DATE 07/20/18		1.27mm PITCH, D/D PLUNGERS, 36.5g SF	
QA	DATE	SIZE	RoHS 6/6	SCALE	DRAWING NO.
--	--	A	N/A	N/A	2220000441
PROCESS ENG.	DATE	SAVED AS:	FINISHED ASSY:		REV
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