



Model No.	POS.1	POS.2
PAS6	OFF	MOM
Term. Comm.	OPEN	SHORT
SCHEMATIC		

SWITCH FUNCTION

	PART NO.	PART NAME	Q'TY
1	MNU- PA03	M12 X 0.75 NUTS	1
2	MNU-1M09	LOCKING WASHER	1
3	MCP-A253 (A)	O-RING	1

FILE NAME: HARDWARE-0085

**SPECIFICATIONS**

**Max. current/voltage rating with resistive load:**  
500mA 48VAC - 200 mA 50VDC - 200mA 250VAC.  
**INITIAL CONTACT RESISTANCE:** 50 mΩ max.  
**INSULATION RESISTANCE:** 1 GΩ min. at 500VDC.  
**DIELECTRIC STRENGTH:** 1,500 VAC rms.  
**ELECTRICAL LIFE AT FULL LOAD:** 500,000 cycles.  
**PANEL THICKNESS:** 1.5 mm (.059) min. - 4 mm (.157) max.  
**TOTAL TRAVEL:** 1.5 mm (.059).  
**OPERATING FORCE:** 2N~5N.  
**CONTACT BOUNCE:** 10 ms.  
**MECHANICAL LIFE:** 1,000,000 cycles.  
**TORQUE:** 1.5 Nm max. applied to nut.  
**SOLDERING:** 350°C max. for 5 seconds.

**MATERIALS**

**CASE:** Diallyl phthalate (DAP)(UL94v-0).  
**CAP:** Polyamide 6/6.  
**BUSHING:** Zamak3, ED coating.  
**TERMINAL/CONTACTS:** Gold over silver plated.  
**RoHS & Lead Free**

东莞市创恩电子有限公司

	符號	原尺寸	修改後尺寸	變更日期
1	(A)	依據ECN N1515設變O-RING物料MPC-P005改為MCP-A253		OCT-05-2015
2	(B)			
3	(C)			
4	(D)			
5	(E)			

**SCALE (比例) : 2 : 1**

**TOLERANCE (公差) :**  
0.00 mm ± 0.25mm  
0.0 mm ± 0.40mm  
**ANGULAR : ± 5°**  
**FILE NAME : PASP0391**

TITLE 圖名	Sub - Miniature Pushbutton Switches			SIZE 圖紙	A4
DWG NO. 圖號	PAS6D2M1CES2-5L3			UNIT 單位	mm
REV. 版本	B	DATE 日期	JUL - 03 - 2014	SHEET 張數	1 of 1
CHECKED BY 審核	RICHARD		DRAWN BY 製圖	IRENE	