

**NOTE**

**1. OPERATION CHARACTERISTICS**

- 1.1 Operating Force (OF) :  $60 \pm 20$  gf
- 1.2 Releasing Force (RF) : Min. 20 gf
- 1.3 Free Position (FP) :  $3.6 \pm 0.15$  mm
- 1.4 Operating Position (OP) :  $3.35 +0.2/-0.15$
- 1.5 Movement Differential (MD) : Max. 0.12 mm
- 1.6 Over-travel (OT) : Min 0.1 mm
- 1.7 Pre-travel (PT) : Max. 0.65 mm

**2. SPECIFICATIONS**

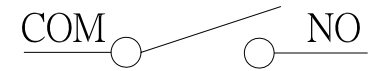
- 2.1 Contact Resistance : Max. 100 mΩ. (Initial)  
Before measure the switch contact resistance, please press the switch three times on and off.
- 2.2 Dielectric Strength : 600VAC (50-60HZ)  
for one minute between contacts and live-parts
- 2.3 Insulation Resistance : Min. 100 M( At 500 VDC for 1 minute )
- 2.4 Circuit Arrangement : SPST ( Single pole single throw )
- 2.5 Rating : 0.1A , 30 VDC
- 2.6 Rating Load : Resistive Load
- 2.7 Operating Frequency : 120 operations per minute
- 2.8 Mechanical Service Life : Min. 5,000,000 operations.
- 2.9 Operating Frequency : Max. 120 operations per minute

**3. ENVIRONMENTS**

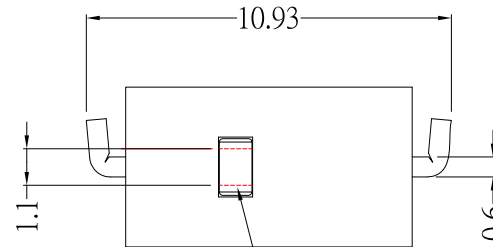
- 3.1 Operating Temperature :  $-25^{\circ}\text{C} \sim 70^{\circ}\text{C}$
- 3.2 Storage Temperature :  $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
- 3.3 Storage Humidity : at  $40^{\circ}\text{C}$ , Max, 95% R.H
- 3.3 Vibration Resistance : 10~55Hz, displacement 0.75mm(p-p)
- 3.5 For SMT Temperature : Max.  $250^{\circ}\text{C}$  for 10 seconds, please see the enclosed drawing



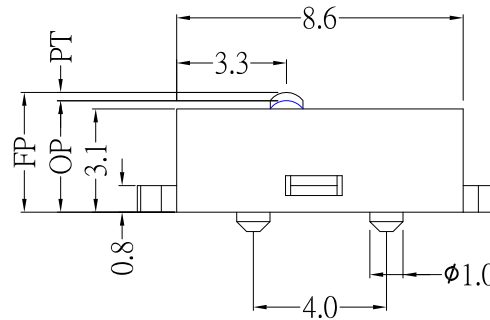
**CIRCUIT DIAGRAM**



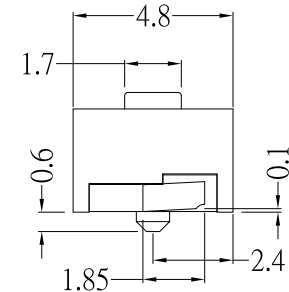
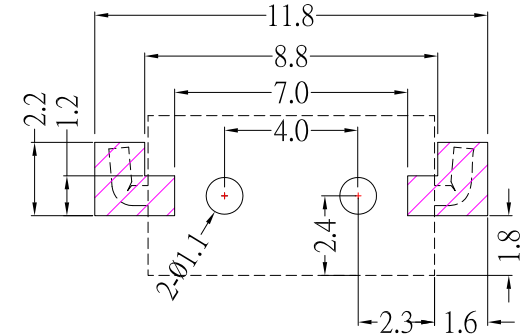
**DIMENSIONS**



THE SUGGESTION OF THE WORKING AREA



**DIMENSIONS**



				<b>CONTACT 建倚科技股份有限公司</b>				DRAWN BY: Jack Lu		DATE: 11/06/15		MAT'L		TITLE: SWITCH			
				<b>CONTACT TECHNOLOGY CORP.</b>				CHECKED BY: Jacky Chen		DATE: 11/06/15		FINISH		MODLE: MICRO SWITCH			
				TOLERANCE UNLESS OTHERWISE STATED				APPROVED BY: Tony Kao		DATE: 11/06/15		SCALE: 1 : 1		DWG NO. DA-P2L-0T-A			
				Up to 5 ±0.2 Above 5 ~ 30 ±0.3 Above 30 ~ 50 ±0.4 Above 50 ±0.5 Angle ±0.3				3RD. ANGEL'S		UNITS: MM		SHEET NO. 1 of 1		PART NO. DA-P2L-0T-A		SIZE: A4	
														VER: R4			
ITEM NO.	DESCRIPTION	DRAWN	DATE														
4	更新Rating	Jack	110615														
3	新增尺寸2.4mm及新增PCB LAYOUT外型	Jack	062014														
2	去除LOGO標示	Jack	061914														
1	新增LOGO標示	Jack	120213														