



ZIPPY TECHNOLOGY CORP.



10F, NO.50, MIN CHYUAN ROAD,  
SHIN-TIEN CITY, TAIPEI COUNTY,  
TAIWAN, R.O.C

TEL: 886-2-2918-8512 / 886-2-2918-0603  
FAX: 886-2-2915-5765 / 886-22916-0215  
[Http://www.zippy.com.tw](http://www.zippy.com.tw)

### APPROVED DATA SHEET

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**Model: 1001610012(SW2-06S1-02A0-Z)**  
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ISSUED DATE: Dec 04,2014

APPROVED NO.: 1001610012.C

PAGE: 1/4

The undersigned guarantee of the model switches is meets the following specifications.

#### 1. Operation Characteristics

Operating Force (OF)	:	Max.66 gf
Releasing Force (RF)	:	Min. 13 gf
Free Position ( FP )	:	Max.12.4 mm
Operating Position (OP)	:	8.8±1.2 mm
Movement Differential (MD)	:	Max.0.7 mm
Over-travel (OT)	:	Min.0.67 mm
Pre-travel (PT)	:	Max.4.8 mm

#### 2. Specifications

Initial Contact Resistance	:	Max. 300mΩ . ( Measured by ohm meter –Open Voltage<1VDC, Driver current -100mA ) Before measure the switch contact resistance, please press the switch three times on and off.
Initial Dielectric Strength	:	500VAC(50-60HZ)/minute between contacts. 1,500VAC(50-60HZ)/minute between Live-parts and dead metal parts.
Insulation Resistance	:	Min. 100MΩ ( 500 VDC/ minute ) between Live-parts and dead metal parts.
Circuit Arrangement	:	SPDT ( Single pole double throw )
Rating	:	6A 125/250VAC
Service Life	:	Min. 10,000 operations.
Rating Load	:	Resistive ( R ) Load & Inductive (GP) Load.
Operating Frequency	:	10~30 operations per minute.
Safety Certificate	:	UL, cUL, ENEC15
Mechanical Service Life	:	Press the switch to operation position - Min. 2,000,000 operations.
Operating Frequency	:	Max. 120 operations per minute.



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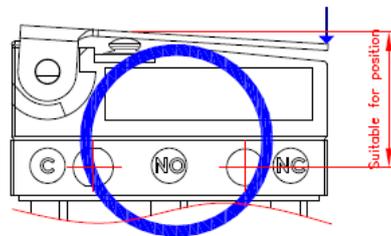
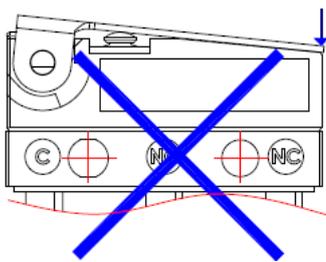
ISSUED DATE: Dec 04,2014

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PAGE: 2/4

### 3. Environments

Operating Temperature	:	-40°C ~ 125°C ( with no icing )
Vibration Resistance	:	10~55Hz, displacement 0.75mm(p-p)
Shock Resistance	:	Destruction: 1,000 m/s <sup>2</sup> {approx. 100G} max. Malfunction: 300 m/s <sup>2</sup> {approx. 30G} max.
Soldering by hand	:	350°C maximum within 3 seconds (300°C maximum within 5 seconds).
Soldering bath	:	260°C maximum within 5 seconds.



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陳立業

PREPARED

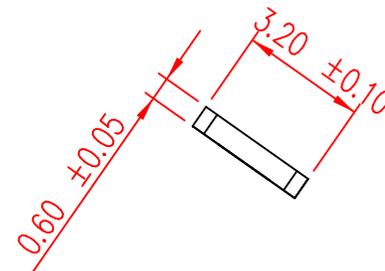
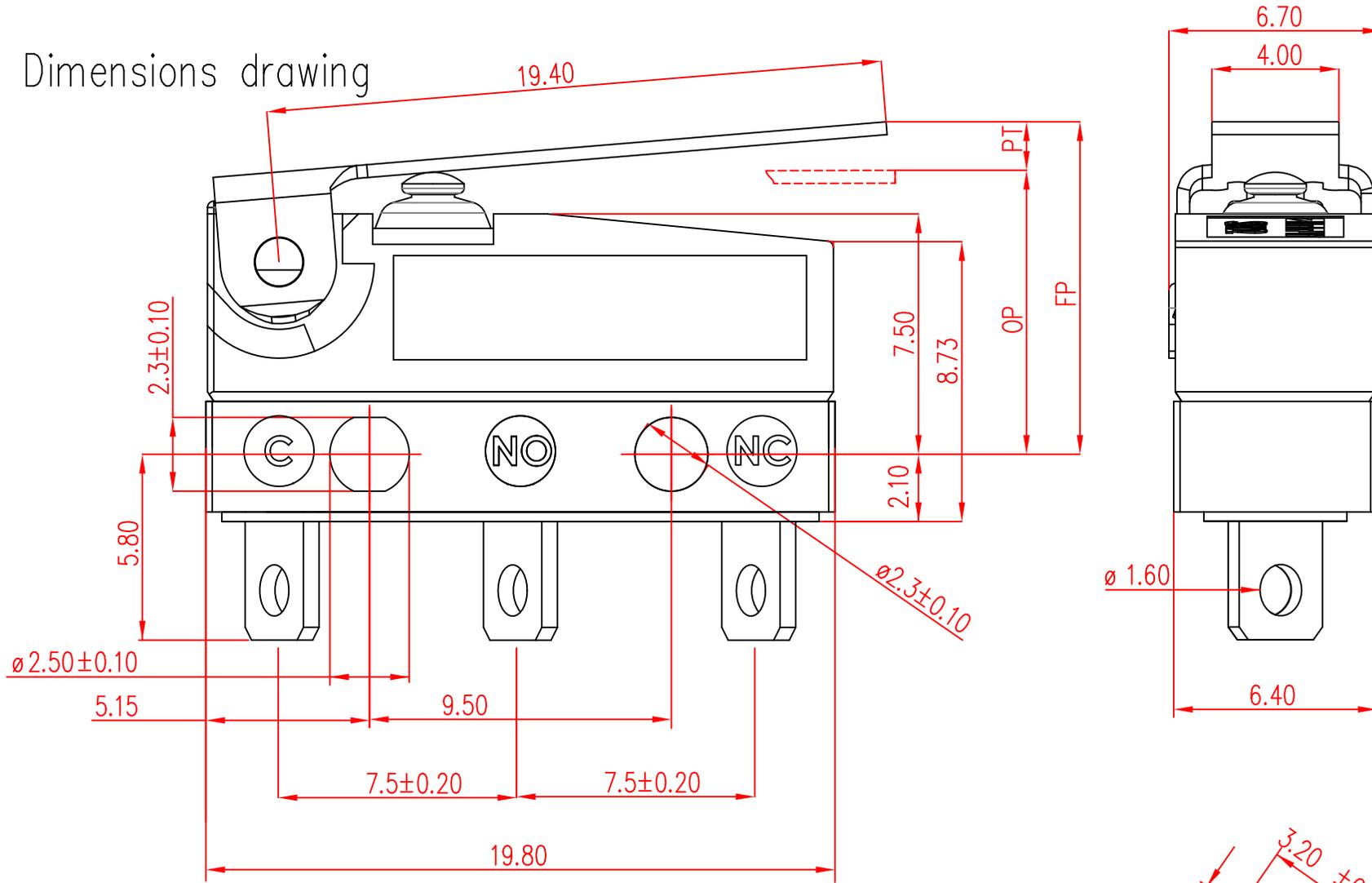
張立人

CHECKED

沈俊榮

APPROVED

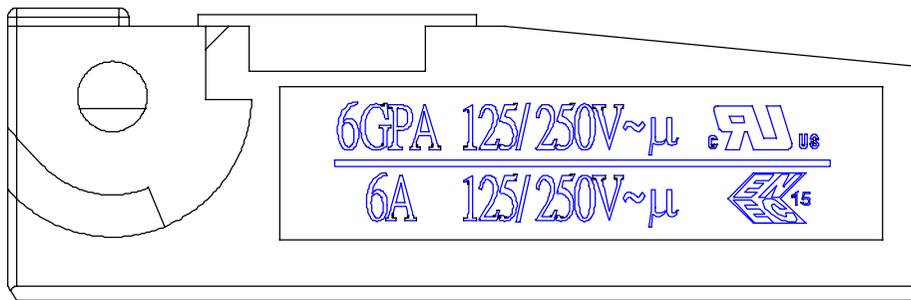
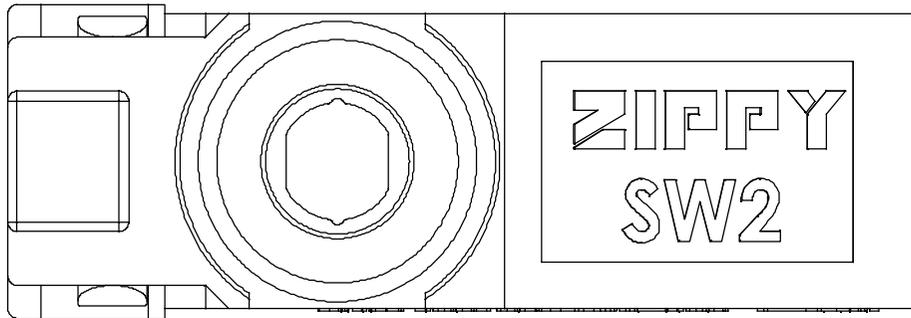
Dimensions drawing



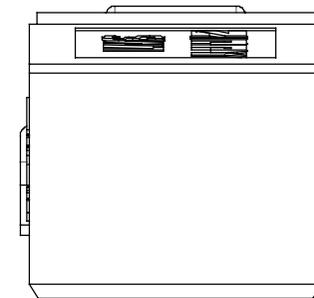
Tolerance	
X.X	± 0.2
XX.X	± 0.4

VIEW		SIZE	A4	UNIT	mm
DATE	SEP-26-2014	VER.	1.0	FILE NAME	SW2-102A0
APPROVAL	沈俊榮	CONFIRM	張立人	DESIGN	陳立業

# Marking drawing



A



B

Marking will be random on side A or side B  
 Markings are either by printing or molding  
 Appearance according to dimensions drawing.

VIEW		SIZE	A4	UNIT	mm
DATE	JUL-24-2014	VER.	1.1	FILE NAME	SW2-06-u
APPROVAL	沈俊榮	CONFIRM	陳立業	DESIGN	張立人