ZIPPY TECHNOLOGY CORP.

10F, No.50, MinQuan Road, Xindian District,
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Http://www.zippy.com.tw

APPROVED DATA SHEET

Model: 1001610033(SW2-06S0-00A0-Z)

ISSUED DATE: 2023.11.17
APPROVED NO. 1001610033.D

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

1.Operation Characteristics

Operating Force (OF)	:	Max. 203 gf
Releasing Force (RF)	:	Min. 50 gf
Free Position (FP)	:	Max. 9.9 mm
Operating Position (OP)	:	8.4±0.3 mm
Movement Differential (MD)	:	Max. 0.2 mm
Over-travel (OT)	:	Min. 0.4 mm
Pre-travel (PT)	:	Max. 1.2 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 5A 30VDC (Resistive Load)
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, ENEC
Mechanical Service Life	:	Min. 2,000,000 operations.
Operating Frequency	:	Max. 120 operations per minute.

Operating application of the switch : Set the switch pushing distance from 60% to 90% of the specified OT value.

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3. Environments

Operating Temperature	:	-40℃ ~ 125℃ (with no icing)
Vibration Resistance	:	10~55Hz, displacement 0.75mm(p-p)
Shock Resistance	:	Destruction: 1,000 m/s^2 {approx. 100G} max. Malfunction: 300 m/s^2 {approx. 30G} max.

(For the pin plunger models, the vibration & shock condition apply for use at the free position and total travel position)
(For the lever models, the vibration & shock condition apply for use at the total travel position)

Soldering by hand	:	350℃ maximum within 3 seconds (300℃ maximum within 5 seconds).
Soldering bath	:	260℃ maximum within 5 seconds.

4. Caution:

Micro Switch Cautions

or click the link→https://www.zippy.com/ecmodelcautions/micro_switch_cautions.pdf

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PREPARED

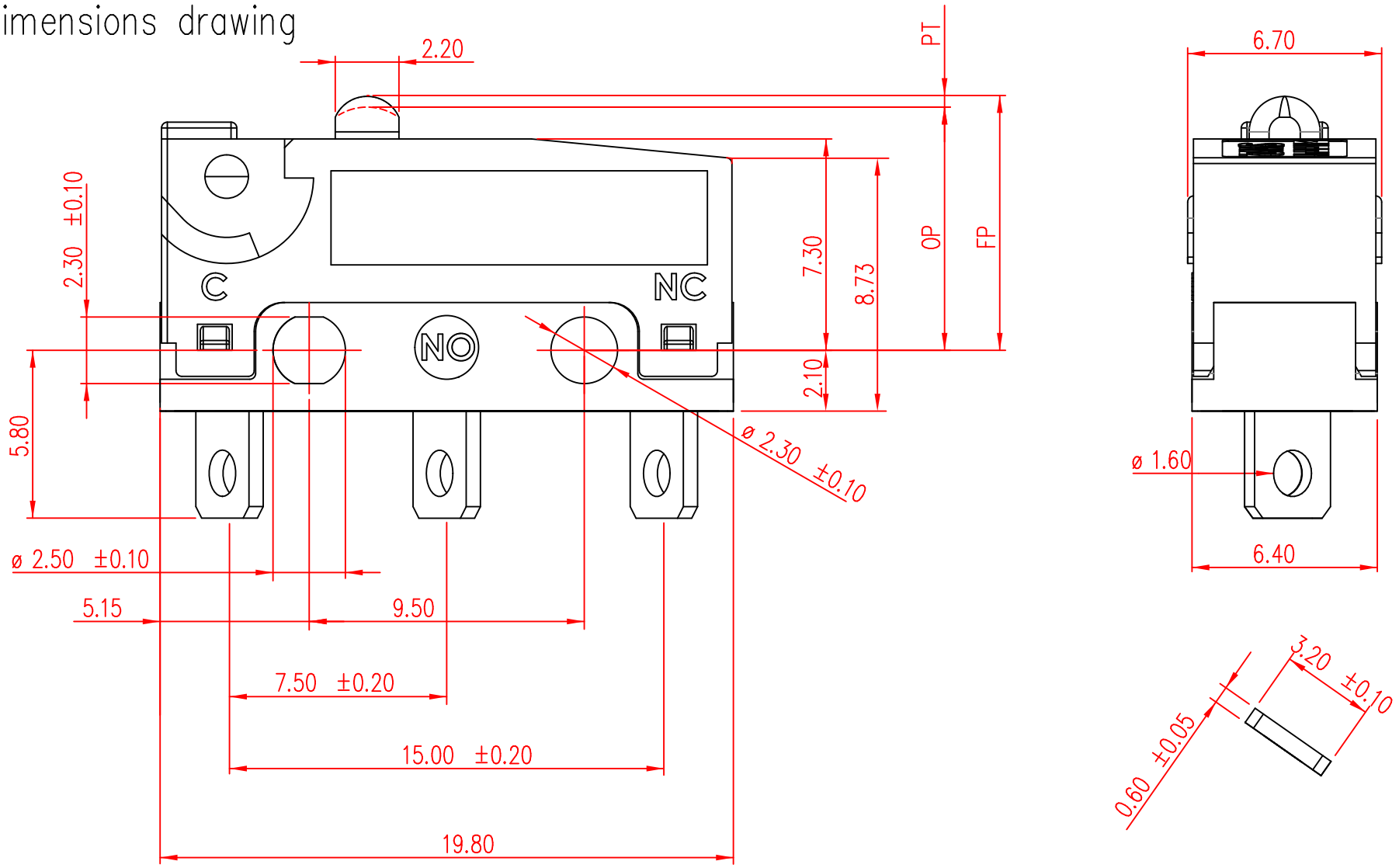
陳立業

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沈俊榮

APPROVED

Dimensions drawing



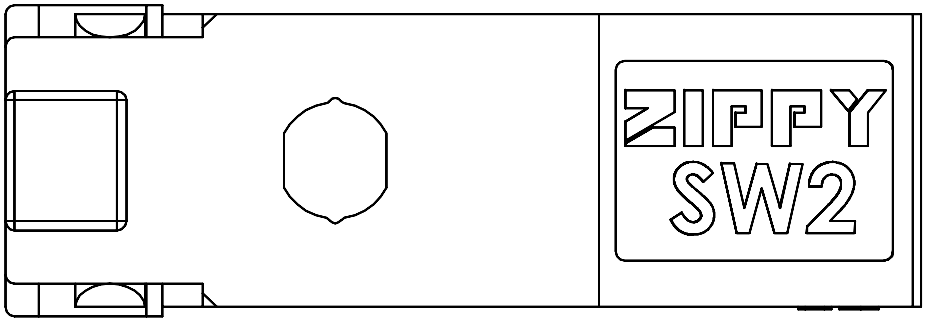
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XX.X	± 0.4

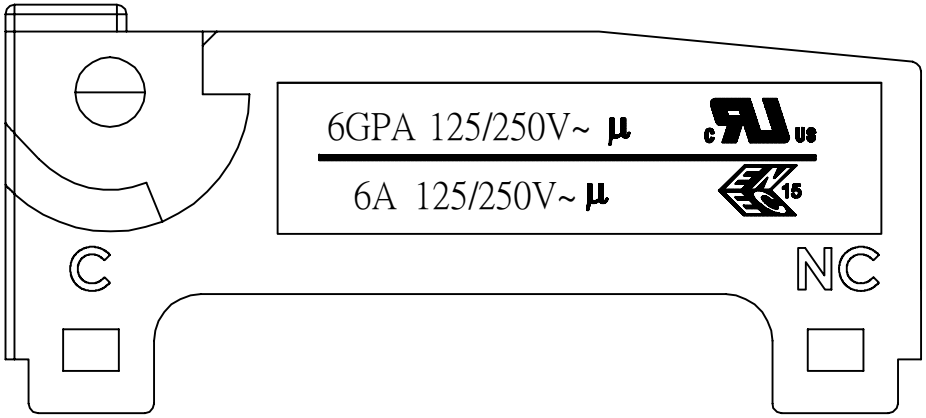
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DATE	FEB-03-2015	VER.	1.0	FILE NAME	SW2-000A0
APPROVAL	沈俊榮	CONFIRM	張立人	DESIGN	陳立業

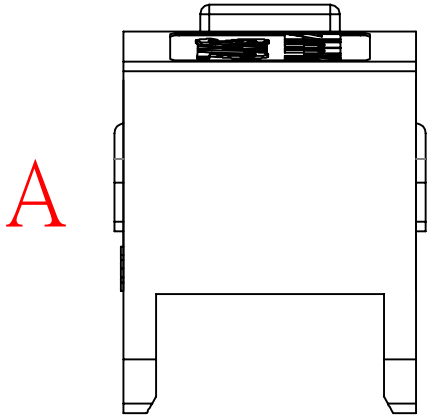
新巨企業股份有限公司

ZIPPY TECHNOLOGY CORP.

Marking drawing







This page shows switch marking only.
此頁僅顯示開關印字，外觀參照外觀圖
Marking will be randomly on side A or side B
印字可為A面或B面
Marking can either be printed or molded
印字可為印刷或模刻

VIEW		SIZE	A4	UNIT	mm
DATE	2020.11.03	VER.	1.2	FILE NAME	SW2-060-u
APPROVAL	沈俊榮	CONFIRM	許志誠	DESIGN	陳立業

新巨企業股份有限公司 ZIPPY TECHNOLOGY CORP.