



ZIPPY TECHNOLOGY CORP.

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APPROVED DATA SHEET

Model: 1001610441(SW2-06S1-02L0-EA001-Z)

ISSUED DATE: 2019.03.25
APPROVED NO. 1001610441.A
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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. 370mΩ. (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, ENEC
Mechanical Service Life	:	Press the switch to operation position - Min. 2,000,000 operations.
Operating Frequency	:	Max. 120 operations per minute.
International Protection Code	:	IP67



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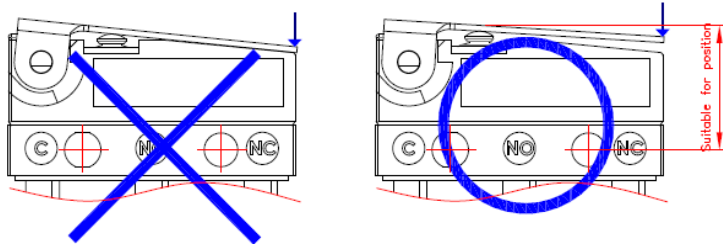
PAGE: 2/4

3. Environments

Operating Temperature : -40°C ~ 55°C (with no icing)
Vibration Resistance : 10~55Hz, displacement 0.75mm(p-p)
Shock Resistance : Destruction: 1,000 m/s² {approx. 100G} max.
Malfunction: 300 m/s² {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°C maximum within 5 seconds.



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PREPARED

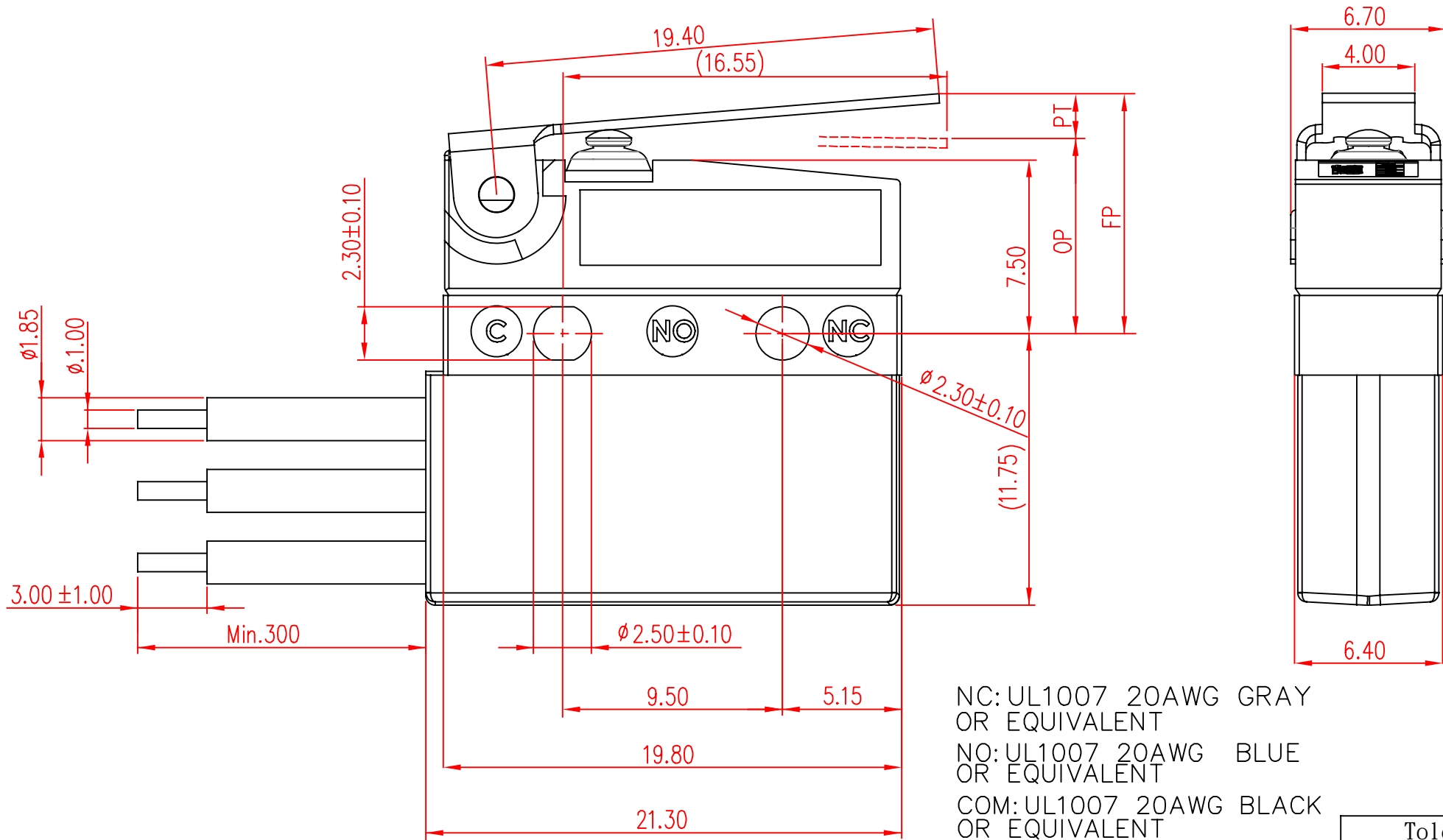
陳立業

CHECKED

沈俊榮

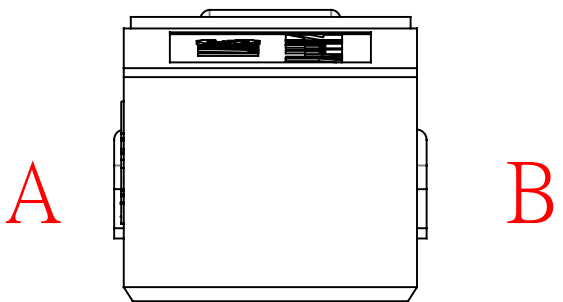
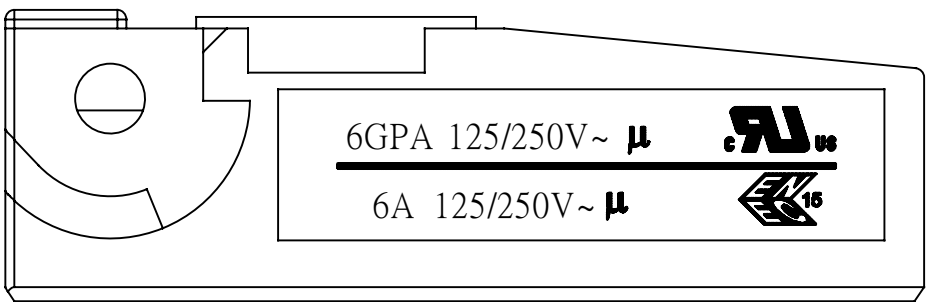
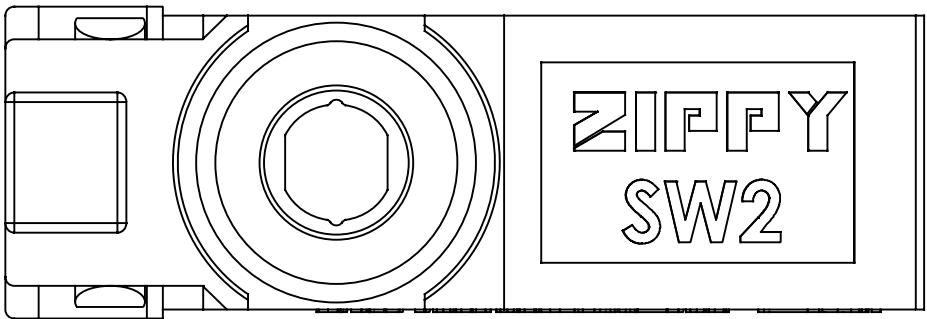
APPROVED

Dimensions drawing



VIEW		SIZE	A4	UNIT	mm
DATE	2019.3.25	VER.	1.0	FILE NAME	SW2-02L0-EA001
APPROVAL	沈俊榮	CONFIRM	許志誠	DESIGN	陳立業

Marking drawing



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