



APPROVED DATA SHEET

Model: 1001610340(SW2-06S1-00L0-EA001-Z)

ISSUED DATE: 2023.11.21
APPROVED NO. 1001610340.C
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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. 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
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.
- International Protection Code : IP67



ZIPPY TECHNOLOGY CORP.



10F, No.50, MinQuan Road, Xindian District,
New Taipei City, 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)

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3. Environments

Operating Temperature : -40°C ~ 85°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.

4. Caution:



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

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PREPARED

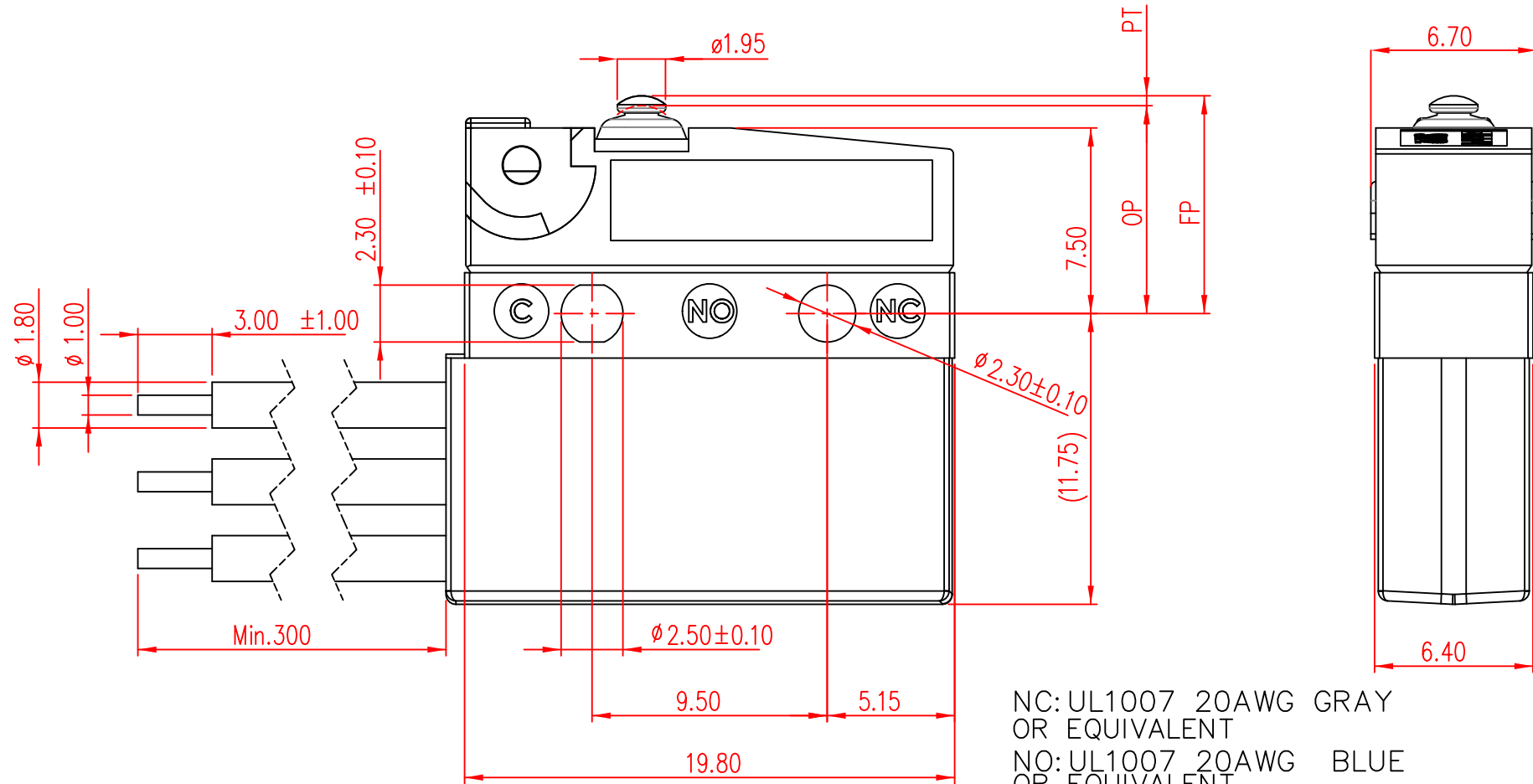
陳立業

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沈俊榮

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Dimensions drawing

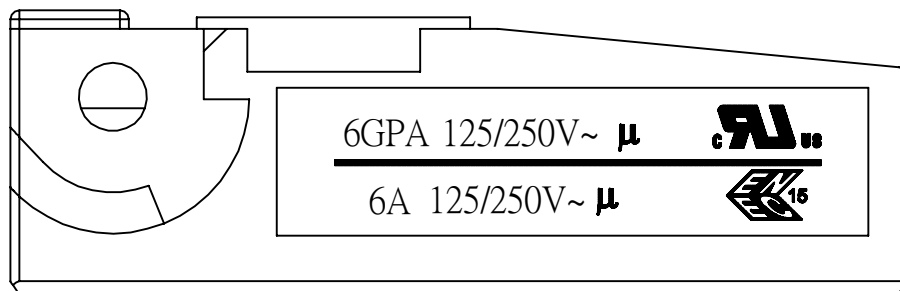
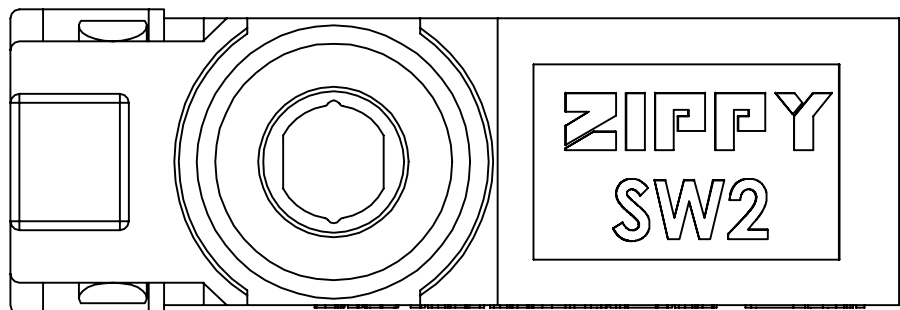


NC: UL1007 20AWG GRAY
OR EQUIVALENT
NO: UL1007 20AWG BLUE
OR EQUIVALENT
COM: UL1007 20AWG BLACK
OR EQUIVALENT

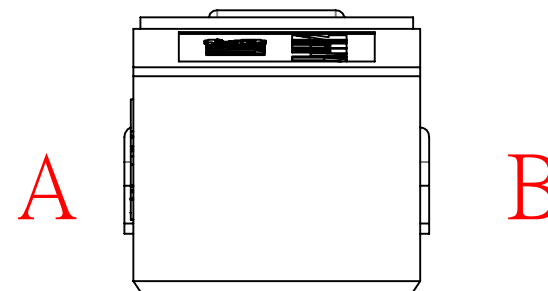
Tolerance	
X.X	± 0.2
XX.X	± 0.4

VIEW		SIZE	A4	UNIT	mm
DATE	JUL-25-2017	VER.	1.0	FILE NAME	SW2-00LO-EA001
APPROVAL	沈俊榮	CONFIRM	張立人	DESIGN	陳立業

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	2020.11.04	VER.	1.3	FILE NAME	SW2-06-u
APPROVAL	沈俊榮	CONFIRM	許志誠	DESIGN	陳立業