



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

Model: 1000080118(CNR-05L-03-Z)

ISSUED DATE: 2023.06.30

APPROVED NO.: 1000080118.B

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

1.Operation Characteristics

Operating Force (OF)	:	Max 5.1 gf
Releasing Force (RF)	:	Min. 0.6 gf
Operating Position (OP)	:	18°±3°
Releasing Position (RP)	:	9°± 4°

2. Specifications

Initial Dielectric Strength	:	1,000VAC(50-60HZ) /minute between contacts. 1,500VAC (50-60HZ) /minute between Live-parts and dead metal parts.
Insulation Resistance	:	Min. 100 MΩ (500 VDC/ minute) between Live-parts and dead metal parts.
Circuit Arrangement	:	SPDT (Single pole double throw)
Rating	:	1A 125/250VAC; 5A 125/250VAC
Service Life	:	Min. 6,000 operations
Rating Load	:	Resistive Load
Operating Frequency	:	10~30 operations per minute
Safety Certificate	:	UL, cUL
Mechanical Service Life	:	Min. 10,000,000 operations.
Operating Frequency	:	Max. 120 operations per minute



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3. Environments

Operating Temperature : -40°C ~ 65°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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簡素玲

PREPARED

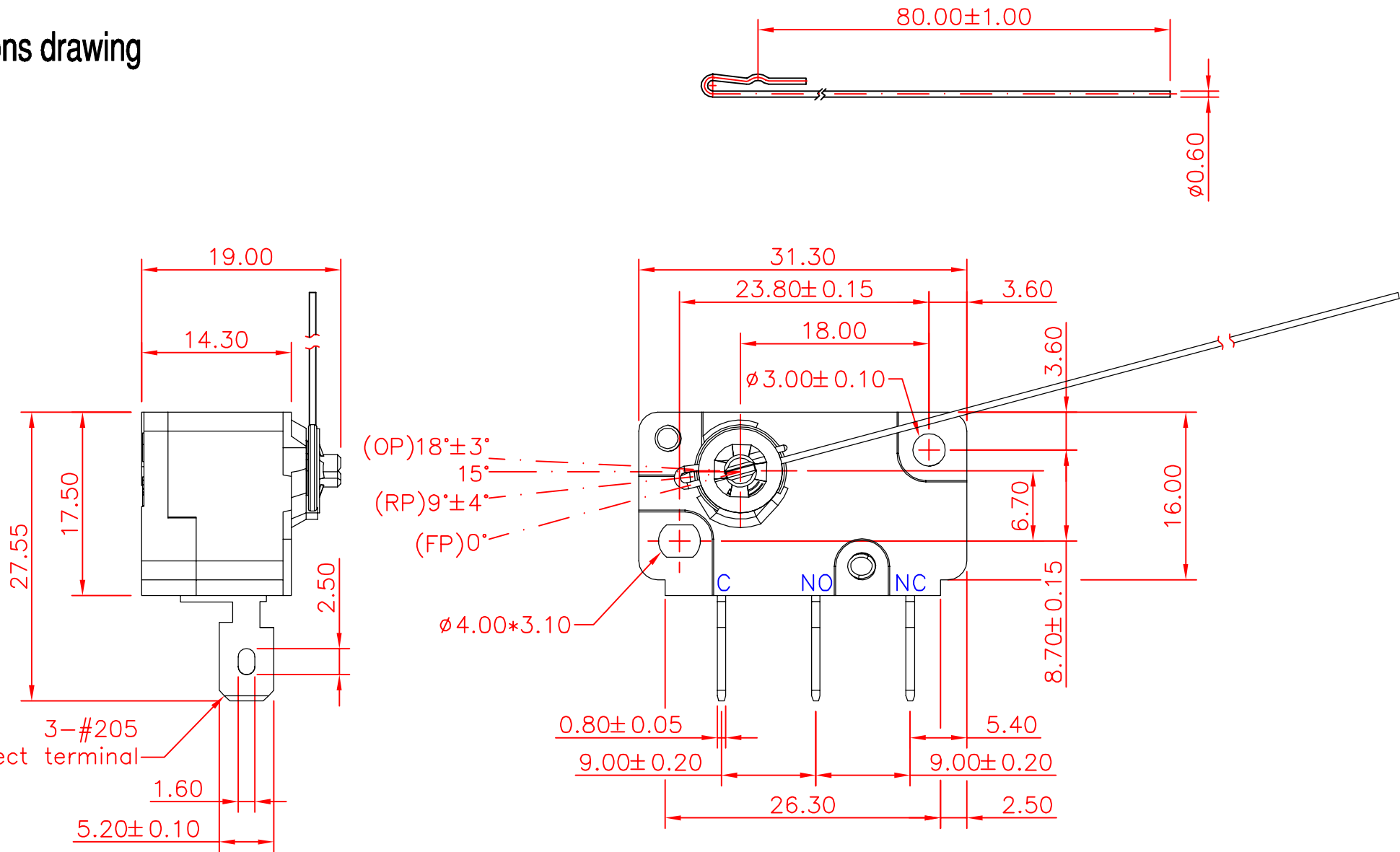
許志誠

CHECKED

沈俊榮

APPROVED

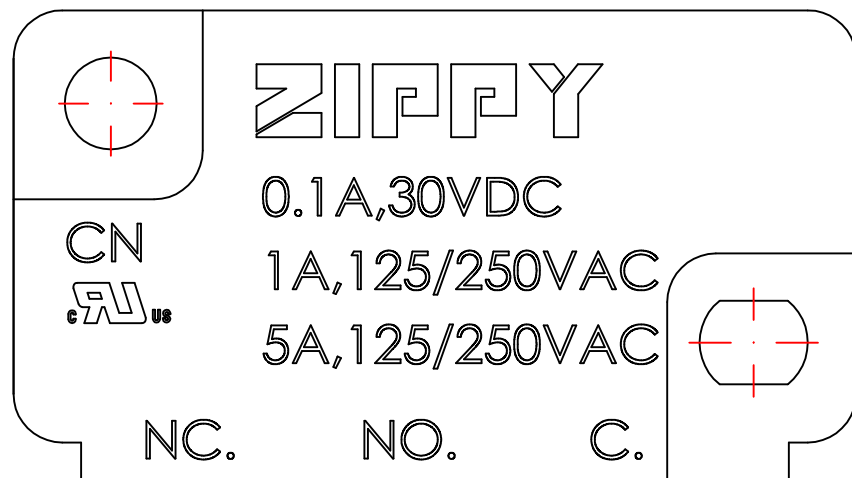
Dimensions drawing



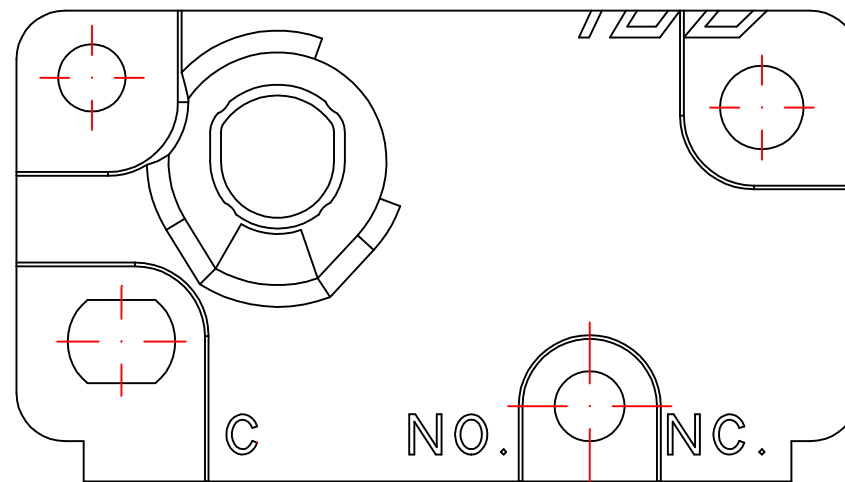
Tolerance	
X.X	± 0.2
XX.X	± 0.4

VIEW		SIZE	A4	UNIT	mm
DATE	Nov.22.2011	VER.	1.3	FILE NAME	CNR-03
APPROVAL	李金龍	CONFIRM	張哲維	DESIGN	方鼎杰

Marking drawing



COVER



CASE

This page shows switch marking only.

此頁僅顯示開關印字，外觀參照外觀圖

Marking can either be printed or molded

印字可為印刷或模刻