



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: 1000080057(CNR-05L-04-Z)

ISSUED DATE: 2023.06.30

APPROVED NO.: 1000080057.G

PAGE: 1/4

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



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: 1000080057(CNR-05L-04-Z)

ISSUED DATE: 2023.06.30

APPROVED NO.: 1000080057.G

PAGE: 2/4

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

ZIPPY TECHNOLOGY CORP.

簡素玲

PREPARED

許志誠

CHECKED

沈俊榮

APPROVED

Technical drawing of a 3-position 12VDC solenoid valve, showing two views: a side view (left) and a front view (right).

Side View Dimensions:

- Overall height: 27.55
- Height to top of coil: 17.50
- Coil diameter: $\phi 0.60$
- Coil length: 19.00
- Coil to body distance: 14.30
- Body height: 2.50
- Quick connect terminal: 3-#205
- Terminal width: 1.60
- Terminal spacing: 5.20 ± 0.10

Front View Dimensions:

- Overall width: 31.30
- Coil width: 23.80 ± 0.15
- Coil to terminal distance: 3.60
- Coil diameter: $\phi 3.00 \pm 0.10$
- Coil to terminal distance: 18.00
- Coil to terminal distance: 130°
- Coil to terminal distance: 6.70
- Coil to terminal distance: 16.00
- Coil to terminal distance: 8.70 ± 0.15
- Coil to terminal distance: 5.40
- Coil to terminal distance: 9.00 ± 0.20
- Coil to terminal distance: 26.30
- Coil to terminal distance: 2.50
- Coil to terminal distance: 0.80 ± 0.05
- Coil to terminal distance: 9.00 ± 0.20
- Coil to terminal distance: 9.00 ± 0.20

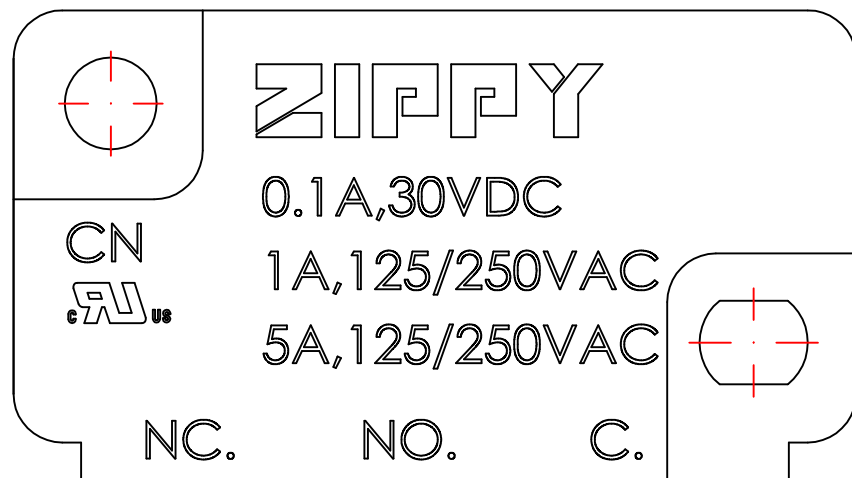
Labels:

- (OP) $18^\circ \pm 3^\circ$
- 15°
- (RP) $9^\circ \pm 4^\circ$
- (FP) 0°
- C
- NO
- NC
- $\phi 4.00 \times 3.10$

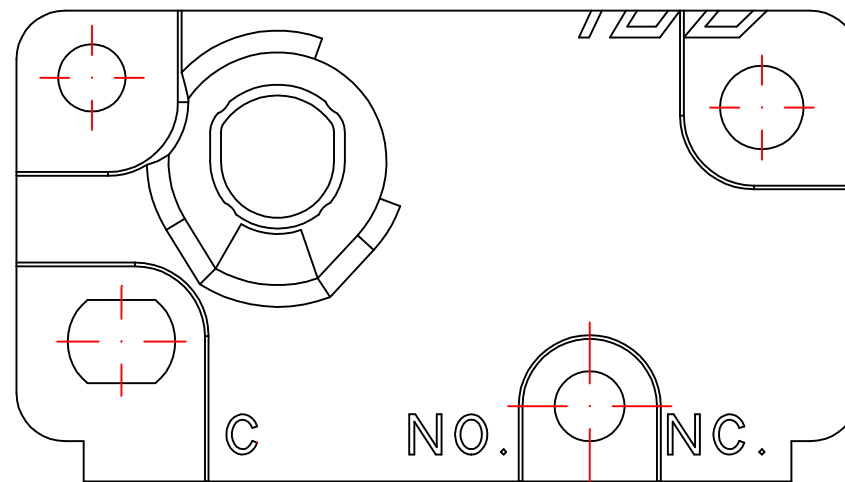
Tolerance	
X.X	± 0.2
XX.X	± 0.4

VIEW		SIZE	A4	UNIT	mm
DATE	Nov. 22. 2011	VER.	1.3	FILE NAME	CNR-04
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