



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: 1001561111 (VA2-10L2-03D0-D1-Z)

ISSUED DATE: MAR.12.2018

APPROVED NO.: 1001561111.A

PAGE: 1/4

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

1.Operation Characteristics

Operating Force (OF)	:	Max. 8 gf
Operating Position (OP)	:	15.3±4.3 mm
Movement Differential (MD)	:	Max.3.5 mm
Pre-travel (PT)	:	Max.16.2 mm

2. Specifications

Initial Contact Resistance	:	Max. 100 mΩ. (Initial) (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. 100 MΩ(500 VDC/ minute).
Circuit Arrangement	:	SPDT (Single pole double throw)
Rating	:	10A 125/250VAC 10(4)A 125/250VAC
Service Life	:	Min. 10,000 operations.
Operating Frequency	:	10~30 operations per minute.
Rating Load	:	Resistive Load (R Load). Resistive & Motor Load (R-M Load).
Safety Certificate	:	UL, cUL, ENEC

Mechanical Service Life	:	Min. 1,000,000 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°C ~ 125°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 3 seconds.

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李東軒

PREPARED

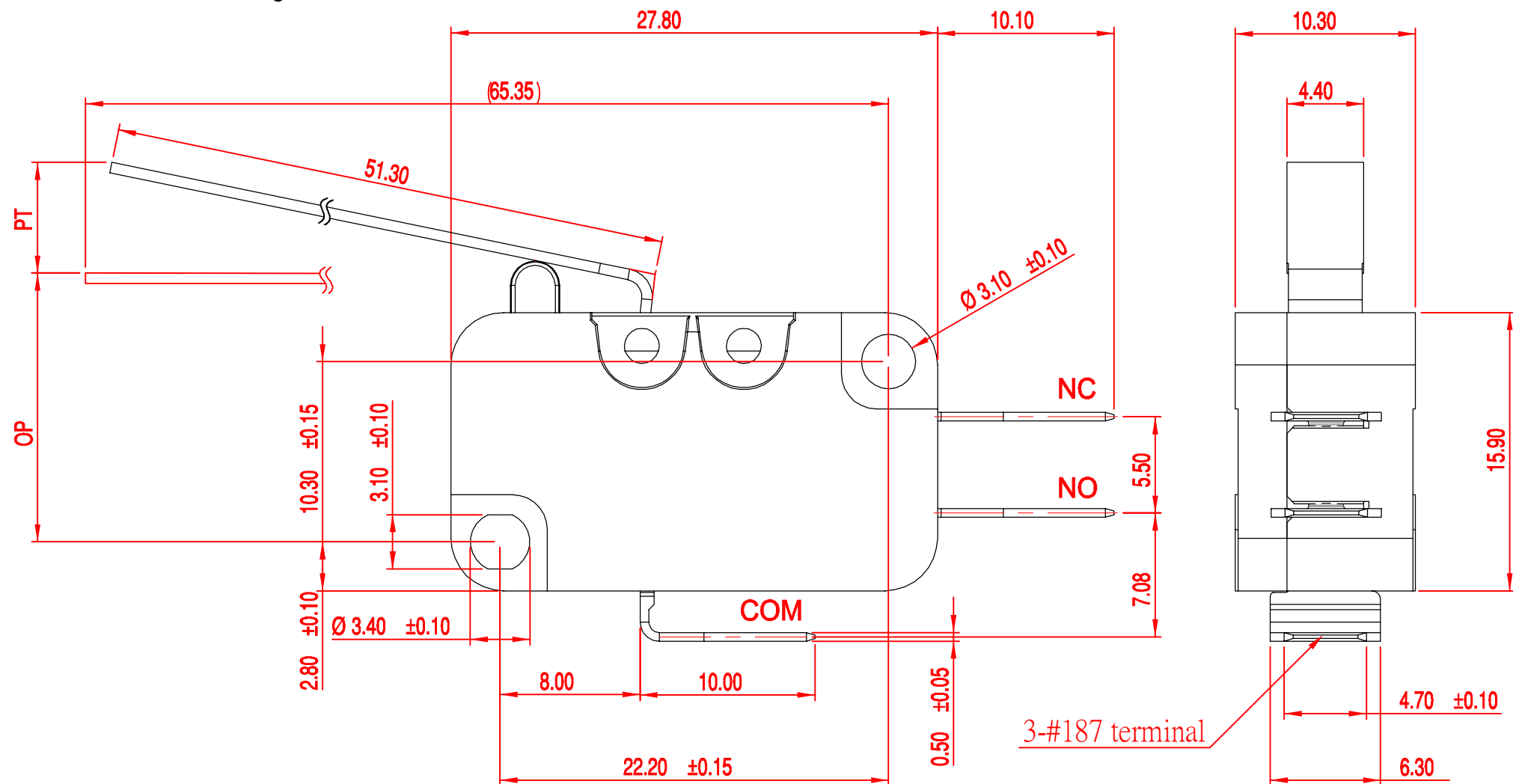
林佩貞

CHECKED

倪有庭

APPROVED

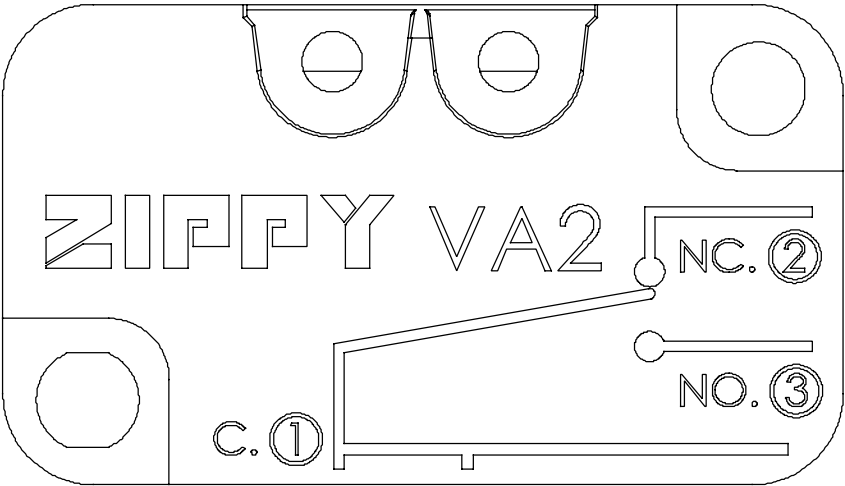
Dimensions drawing



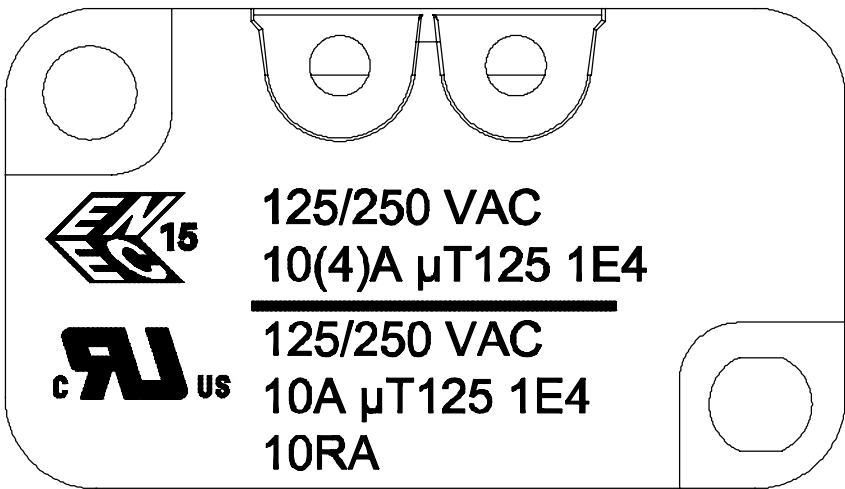
Tolerance		
X. X	±	0.2
XX. X	±	0.4

VIEW		SIZE	A4	UNIT	mm
DATE	MAY-16-2013	VER.	1.0	FILE NAME	VA2-203D0
APPROVAL	李金龍	CONFIRM	張哲維	DESIGN	沈俊榮

Marking drawing



COVER



CASE

Markings are either by printing or molding

VIEW		SIZE	A4	UNIT	mm
DATE	2016.11.23	VER.	1.4	FILE NAME	VA2-10
APPROVAL	倪有庭	CONFIRM	陳維塘	DESIGN	李東軒