



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: 1001560373(VA2-20H0-00C0-Z)

ISSUED DATE: OCT.30.2015
APPROVED NO.: 1001560373.C
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The undersigned guarantee of the model switches is meets the following specifications.

1.Operation Characteristics

Operating Force (OF)	:	Max.230 gf
Releasing Force (RF)	:	Min.42 gf
Operating Position (OP)	:	14.7± 0.5 mm
Movement Differential (MD)	:	Max.0.4 mm
Over-travel (OT)	:	Min. 0.8 mm
Pre-travel (PT)	:	Max. 1.72 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	:	20A 125/250VAC
Service Life	:	Min. 10,000 operations.
Operating Frequency	:	10~30 operations per minute.
Rating Load	:	Resistive Load (R Load).
Safety Certificate	:	UL, cUL, ENEC

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) 2hr
- 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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沈俊榮

PREPARED

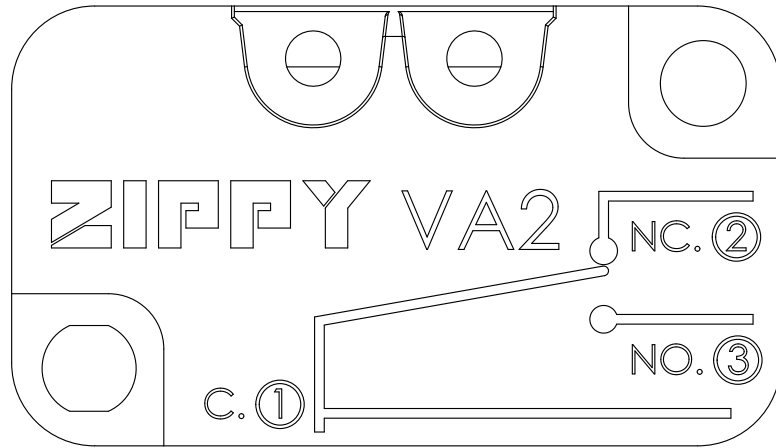
張立人

CHECKED

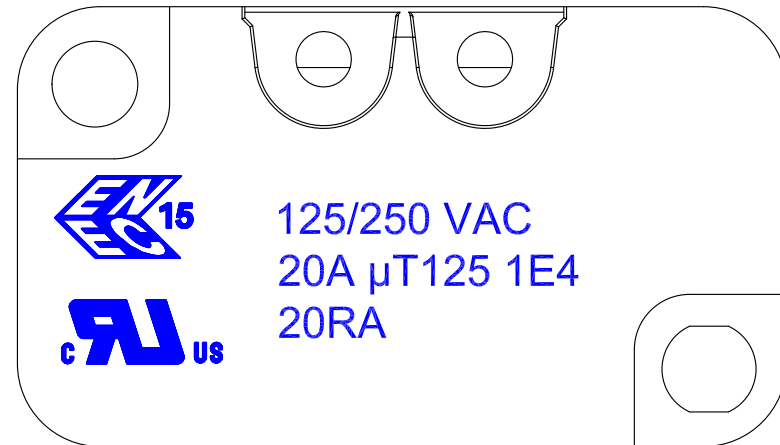
張哲維

APPROVED

Marking drawing



COVER



CASE

Markings are either by printing or molding

新巨企業股份有限公司

ZIPPY TECHNOLOGY CORP.

VIEW		SIZE	A4	UNIT	mm
DATE	JUL-18-2014	VER.	1.2	FILE NAME	VA2-20
APPROVAL	沈俊榮	CONFIRM	陳立業	DESIGN	張立人