

AUTOMOTIVE RELAY 汽車繼電器->LA

FEATURES

- Open-frame and plastic sealed types
- European and USA footprints are available to meet international standards
- 1A (1PST) and 1C (1PDT) contact arrangement
- Using at automotive, control industrial, Domestic appliances, heavy loads, etc.



ORDERING INFORMATION

LA ——— 12 F W
 1 2 3 4 5 6

1. Type
 2. Contact Arrangement
 Nil: 1 Form C
 1A: 1 Form A
 1B: 1 Form B
 2A: 1PDM
 2B: 1PDB

3. Coil Nominal Voltage
 4. Pin Position
 F: USA footprint
 E: European footprint
 5. Coil Sensitivity
 Nil: Standard Type (1.6W)
 S: High Sensitive Type (1.2W)

6. Enclosure
 Nil: Open Type
 W: Sealed Type

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

CONTACT RATING

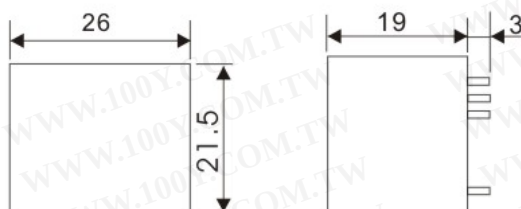
1PDT	Resistive (Cos.θ = 1)	DC 12V	40A/30A
1PDM	Resistive (Cos.θ = 1)	DC 12V	2 x 20A

COIL DATA(1.2W~1.6W, at 25°C)

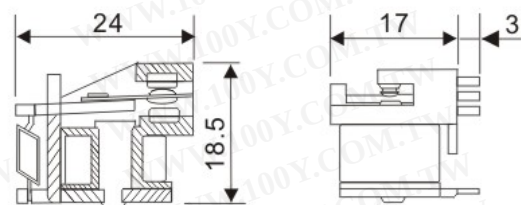
Coil Nominal Voltage (VDC)	Resistance Tol. 10% (Ohms)		Nominal Current (mA)		Maximum Pick Up Voltage (V)		Minimum Drop Out Voltage (V)
	1.6W	1.2W	1.6W	1.2W	1.6W	1.2W	
6	22.5	30	266.7	200	4.2	4.5	0.6
9	50.6	67.5	177.9	133.3	6.3	6.75	0.9
12	90	120	133.3	100	8.4	9.0	1.2
24	360	480	66.7	50	16.8	18.0	2.4

DIMENSIONS(mm)

SEALED TYPE



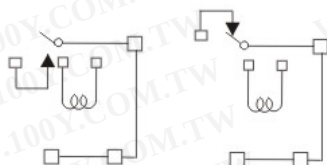
OPEN TYPE



WIRING DIAGRAM
(BOTTOM VIEW)

1A

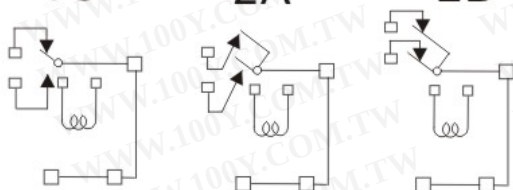
1B



1C

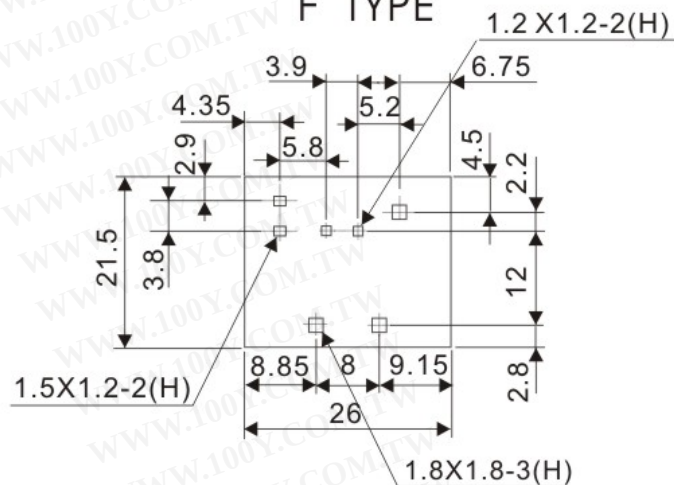
2A

2B

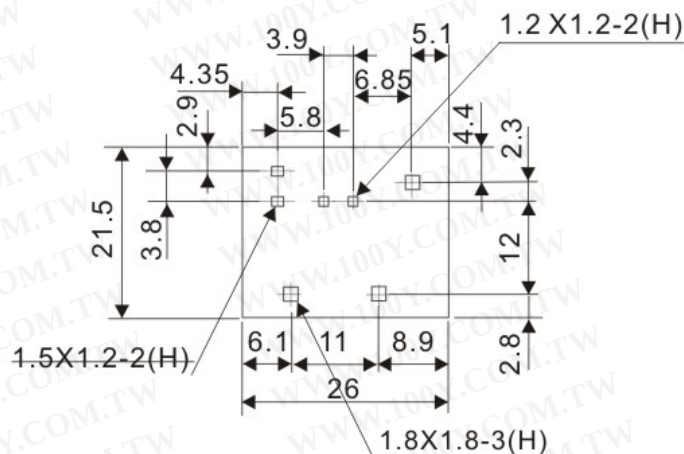


P.C.B LAYOUT
(BOTTOM VIEW)

F TYPE



E TYPE



GENERAL DATA

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Insulation Resistance	100 MΩ Min. (DC 500V)
Dielectric Strength	500 VAC, 50/60Hz between contact.
	1,000 VAC, 50/60Hz between all elements.
Contact Material	Silver- Cadmium Oxide as standard.
Contact Resistance	100 milliohms max. (initial value)
Shock Resistance	Malfunction: 10G(11ms) ; Destructive: 100G(6ms)
Vibration Resistance	Malfunction: 10 to 55 Hz. at Double Amplitude of 1.5 mm
	Destructive: 10 to 55 Hz. at Double Amplitude of 1.5 mm
Operation Time	10 ms max.
Release Time	5 ms max.
Temperature Range	- 30°C ~ + 80°C
Expected Life	With operation rate 30/min. Mechanical - 10,000,000 operations min. Electrical - 100,000 operations min. at rated load.
Weight	17 grams