

Name:LA-W

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)

Description:



LA SERIES

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 | 3. Coil Nominal Voltage | 6. Enclosure |
| 2. Contact Arrangement | 4. Pin Position | Nil : Open Type |
| Nil: 1 Form C | F : USA footprint | W : Sealed Type |
| 1A : 1 Form A | E : European footprint | |
| 1B : 1 Form B | 5. Coil Sensitivity | |
| 2A : 1PDM | Nil : Standard Type (1.6W) | |
| 2B : 1PDB | S : High Sensitive Type (1.2W) | |

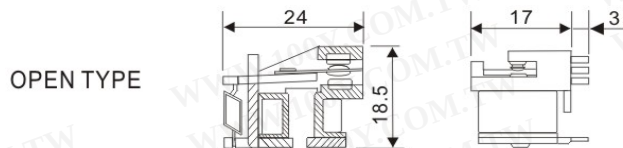
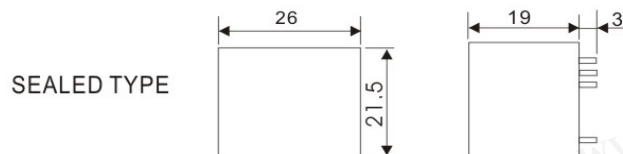
CONTACT RATING

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

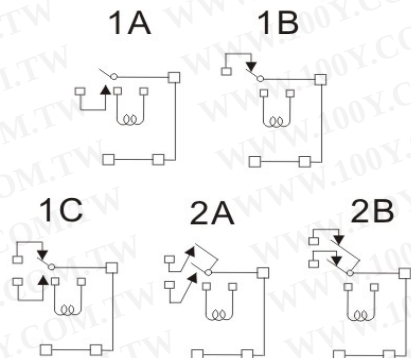
COIL DATA(1.2W~1.6W, at 25°C)

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

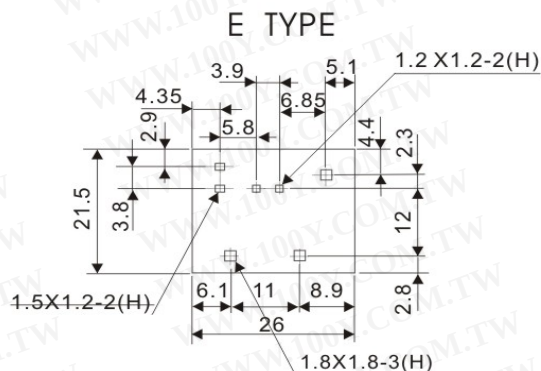
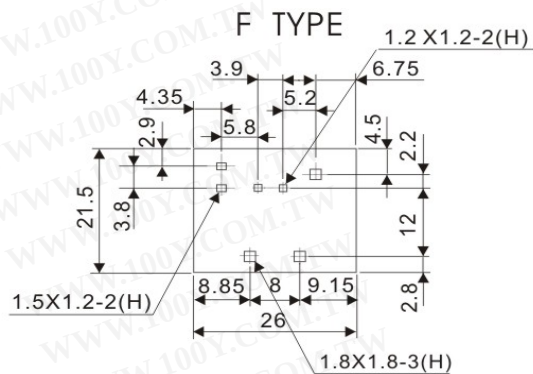
DIMENSIONS(mm)



WIRING DIAGRAM (BOTTOM VIEW)



P.C.B LAYOUT (BOTTOM VIEW)



GENERAL DATA

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

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