

## FEATURES

- 15A cube relay
- 1 Form C (1PDT) contact arrangement
- Plastic material applied in high temperature and better chemical solution.
- Sealed type for washing procedure
- Using at domestic appliances, office machines, audio equipment, coffee pot , control units, etc.



UL FILE NO.: E126167  
CUL FILE NO.: E126157  
TUV FILE NO.: R09754097

## ORDERING INFORMATION

**LEG** — **12** **F**  
1 2 3

1. Type
  2. Coil Nominal Voltage
  3. Contact Rating
- F: 15A

勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-34970699  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

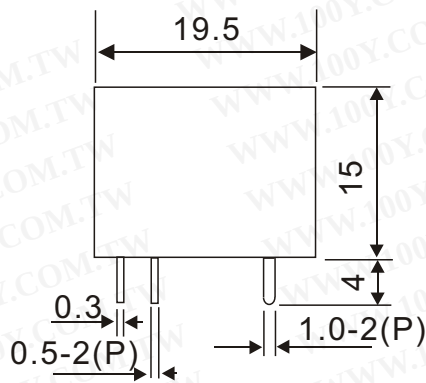
## CONTACT RATING

|                      |                  |     |
|----------------------|------------------|-----|
| Resistive (Cos. = 1) | AC 125V / DC 24V | 15A |
|----------------------|------------------|-----|

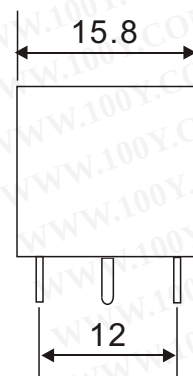
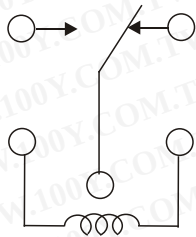
## COIL DATA(0.36W, at 25°C)

| Coil Nominal Voltage (VDC) | Resistance Tol.±10% (Ohms) | Nominal Current (mA) | Maximum Pick Up Voltage (V) | Minimum Drop Out Voltage (V) |
|----------------------------|----------------------------|----------------------|-----------------------------|------------------------------|
| 3                          | 25                         | 120                  | 2.1                         | 0.3                          |
| 5                          | 70                         | 72                   | 3.5                         | 0.5                          |
| 6                          | 100                        | 60                   | 4.2                         | 0.6                          |
| 9                          | 225                        | 40                   | 6.3                         | 0.9                          |
| 12                         | 400                        | 30                   | 8.4                         | 1.2                          |
| 24                         | 1,600                      | 15                   | 16.8                        | 2.4                          |
| 48                         | 6,400                      | 7.5                  | 33.6                        | 4.8                          |

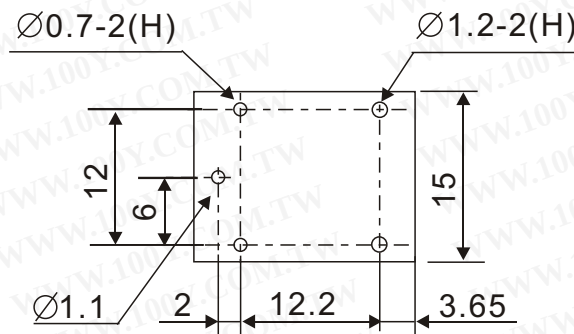
## DIMENSIONS(mm)



WIRING DIAGRAM  
(BOTTOM VIEW)



P.C.B LAYOUT  
(BOTTOM VIEW)



## GENERAL DATA

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| Insulation Resistance | 100 M Min. (DC 500V)                                    |
| Dielectric Strength   | 750 VAC, 50/60Hz between contact.                       |
|                       | 1,500 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        | 8 ms max.                                               |
| Release Time          | 8 ms max.                                               |
| Temperature Range     | - 30°C ~ + 85°C                                         |
| Expected Life         | With operation rate 30/min.                             |
|                       | Mechanical - 10,000,000 operations min.                 |
|                       | Electrical - 100,000 operations min. at rated load.     |
| Weight                | 9 grams                                                 |