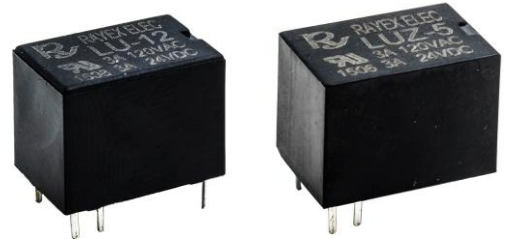


# Kysan Electronics

## FEATURES

- Subminiature relay.
- Standard type and High sensitivity type available.
- UL and CUL safety approval
- Using at microprocessor control, household security, and peripheral equipments.



UL FILE NO.: E126157  
CUL FILE NO.: E126157

## ORDERING INFORMATION

LU    Z    —    12  
1        2    3

1. Type

2. Nil : Standard Type

Z : Contact Terminals & Coil Terminals  
arrange in one side

3. Coil Nominal Voltage

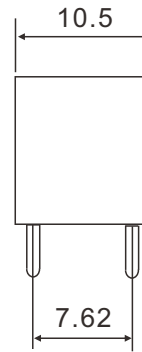
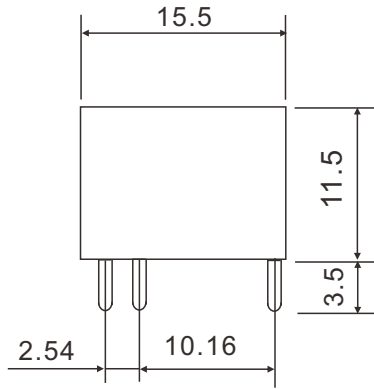
## CONTACT RATING

|                 |         |    |
|-----------------|---------|----|
| 1 Form C (1PDT) | AC 120V | 3A |
|                 | DC 24V  | 3A |

## COIL DATA(0.2W, 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                          | 45                          | 66.7                 | 2.25                        | 0.3                          |
| 5                          | 125                         | 40.0                 | 3.75                        | 0.5                          |
| 6                          | 180                         | 33.3                 | 4.5                         | 0.6                          |
| 9                          | 405                         | 22.2                 | 6.75                        | 0.9                          |
| 12                         | 720                         | 16.7                 | 9.0                         | 1.2                          |
| 24                         | 2,880                       | 8.3                  | 18.0                        | 2.4                          |

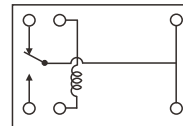
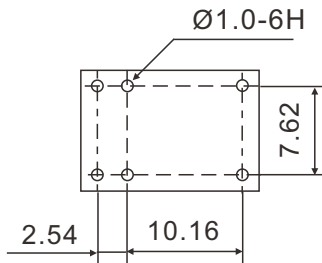
## DIMENSIONS(±0.2mm)



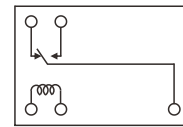
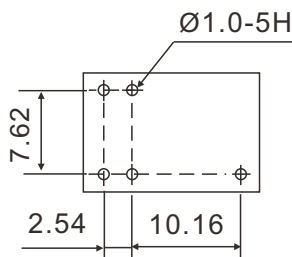
P.C.B LAYOUT  
(BOTTOM VIEW)

WIRING DIAGRAM  
(BOTTOM VIEW)

LU



LUZ



## GENERAL DATA

|                       |   |
|-----------------------|---|
| Insulation Resistance | 100 MΩ Min. (DC 500V)                                   |
| Dielectric Strength   | 500 VAC, 50/60Hz between contact.                       |
|                       | 1000 VAC, 50/60Hz between all elements.                 |
| Contact Material      | Ag Alloy.   |
| 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        | 5 ms max.   |
| Release Time          | 5 ms max.   |
| Temperature Range     | - 30°C ~ +70°C  |
| Expected Life         | With operation rate 30/min.                             |
|                       | Mechanical - 10,000,000 operations min.                 |
|                       | Electrical - 100,000 operations min. at rated load.     |
| Weight                | 4 grams   |