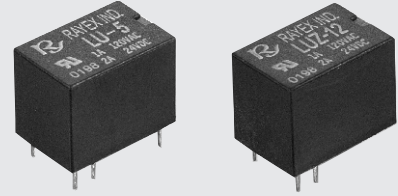


# LU SERIES

## 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.: E126167  
CUL FILE NO.: E126167

## 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

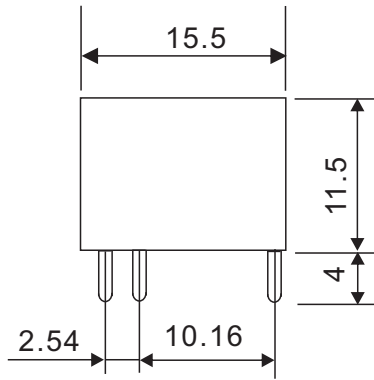
## CONTACT RATING

1 Form C (1PDT)	AC 120V	1A
	DC 24V	2A

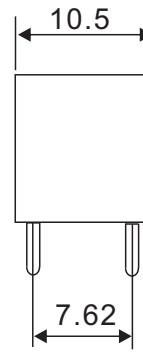
## COIL DATA(0.2W~0.36W, at 25°C)

Coil Nominal Voltage (VDC)	Resistance Tol.±10% (Ohms )	Nominal Current (mA)	Maximum Pick Up Voltage (V)	Minimum Drop Out Voltage (V)
3	25	120.0	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(mm)

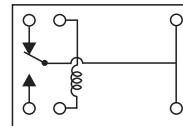
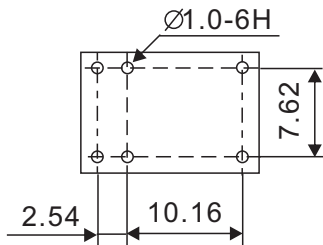


P.C.B LAYOUT  
(BOTTOM VIEW)

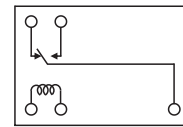
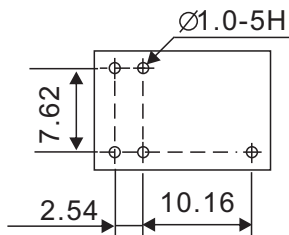


WIRING DIAGRAM  
(BOTTOM VIEW)

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	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	6 ms max.
Release Time	3 ms max.
Operating Ambient Temp.	- 25°C ~ +75°C
Expected Life	With operation rate 30/min.
	Mechanical - 10,000,000 operations min.
	Electrical - 100,000 operations min. at rated load.
Weight	3 grams