

# 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.



### **ORDERING INFORMATION**

 $\frac{LU}{1} \frac{Z}{2} - \frac{12}{3}$ 

1. Type

2. Nil: Standard Type

Z: Contact Terminals & Coil Terminals arrange in one side

3. Coil Nominal Voltage

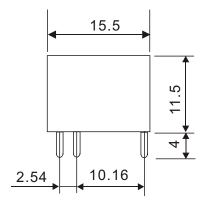
#### **CONTACT RATING**

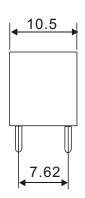
1 Form C (1PDT)	AC 120V	1A
	DC 24V	2A

## 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

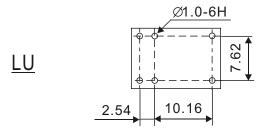
# **DIMENSIONS(mm)**

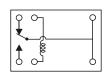


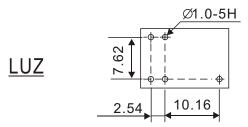


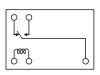
P.C.B LAYOUT (BOTTOM VIEW)

WIRING DIAGRAM (BOTTOM VIEW)









# **GENERAL DATA**

Insulation Resistance	100 M Min. (DC 500V)		
Dielectric Strength	500 VAC, 50/60Hz between contact.		
Dielectric Strength	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		
Vibration Resistance	Destructive: 10 to 55 Hz. at Double Amplitude of 1.5 mm		
Operation Time	6 ms max.		
Release Time	3 ms max.		
Temperature Range	- 25°C ~ +40°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		