

LEG SERIES

FEATURES

- 10A 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 home appliances, office machines, audio equipment, coffee pot , control units, etc.



UL FILE NO. : E510886
CUL FILE NO. : E510886
TUV FILE NO. : R50433366

ORDERING INFORMATION

LEG 1A _____ 12 H
1 2 3 4

1. Type
2. Contact Arrangement
Nil : 1 Form C(1PDT)
1A : 1 Form A(1PST-NO)
3. Coil Nominal Voltage
- 4 Nil:10A
H: 7A (Without UL/TUV Certificate)

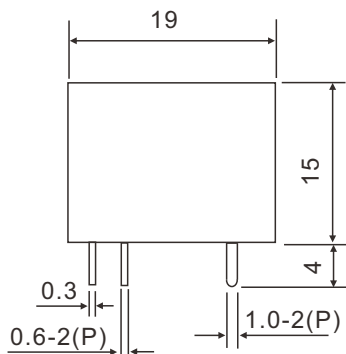
COIL DATA(0.36W, at 25°C)

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

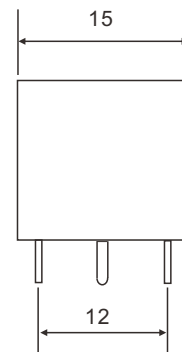
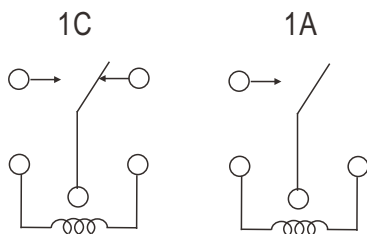
CONTACT RATING

NIL:10A	UL	Resistive (Cos.θ = 1)	AC 240V / DC 24V	10A
		Inductive (Cos.θ = 0.4)	AC 240V	5A
	TUV	Resistive (Cos.θ = 1)	AC 120V	10A
		Inductive (Cos.θ = 0.4)	AC 240V / DC 24V	7A
H:7A	Resistive (Cos.θ = 1)		AC 240V / DC 24V	7A

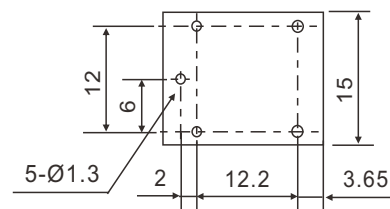
DIMENSIONS(±0.2mm)



WIRING DIAGRAM
(BOTTOM VIEW)



P.C.B LAYOUT
(BOTTOM VIEW)



GENERAL DATA

Insulation Resistance	100 MΩ Min. (DC 500V)
Dielectric Strength	750 VAC, 50/60Hz between contact.
	1,500 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	8 ms max.
Release Time	5 ms max.
Temperature Range	- 25°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	9 grams