

FEATURES

- Small size at high rating 12A.
- Power consumption 0.45W
- Washable type
- Using at home appliances, electronic controller equipment, etc.



ORDERING INFORMATION

LC — 12
 1 2

1. Type
2. Coil Nominal Voltage

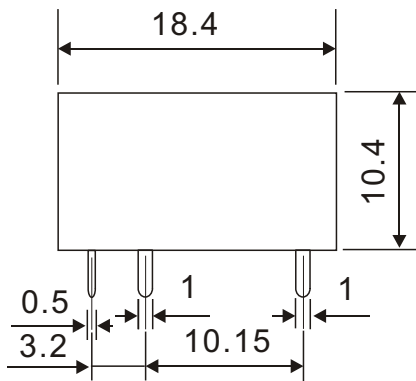
CONTACT RATING

1 Form A(1PST)	Resistive (Cos. = 1)	AC 125V	12A
	Resistive (Cos. = 1)	AC 250 V / DC 30V	10A

COIL DATA(0.45W, at 25°C)

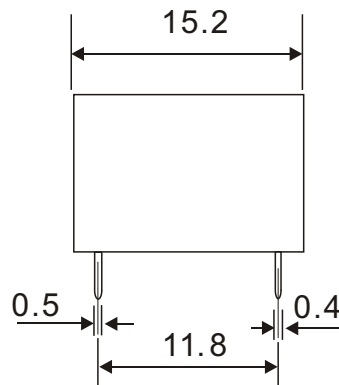
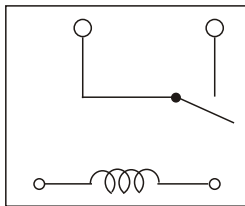
Coil Nominal Voltage (VDC)	Resistance Tol.±10% (Ohms)	Nominal Current (mA)	Maximum Pick Up Voltage (V)	Minimum Drop Out Voltage (V)
3	20	150.0	2.25	0.3
5	55	90.9	3.75	0.5
6	80	75.0	4.5	0.6
9	180	50.0	6.75	0.9
12	320	37.5	9.0	1.2
18	720	25.0	13.5	1.8
24	1,280	18.8	18.0	2.4

DIMENSIONS(mm)

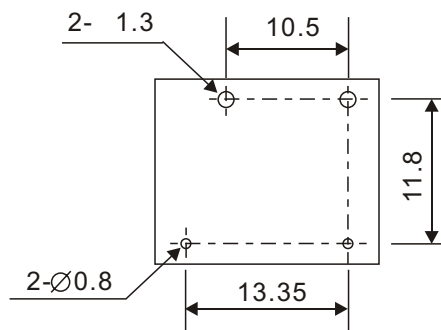


WIRING DIAGRAM
(BOTTOM VIEW)

1 FORMA



P.C.B LAYOUT
(BOTTOM VIEW)



GENERAL DATA

Insulation Resistance	100 M Min. (DC 500V)
Dielectric Strength	500 VAC, 50/60Hz between contact.
	2,500 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	10 ms max.
Release Time	5 ms max.
Temperature Range	- 20°C ~ + 60°C
Expected Life	With operation rate 30/min.
	Mechanical - 10,000,000 operations min.
	Electrical - 100,000 operations min. at rated load.
Weight	6 grams