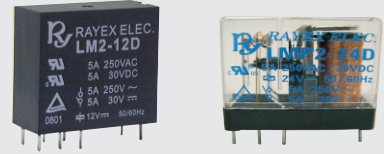


## FEATURES

- High sensitive type
- Dielectric strength AC 5,000V
- 8mm insulation distance
- Using at home appliances, microwave ovens, air conditioners, audio equipment, temperature controller



UL FILE NO. : E131959  
CUL FILE NO. : E131959

## ORDERING INFORMATION

**LM P 1H A — 12 D**

1      2      3      4                      5      6

- |   |   |
|---|---|
| 1. Type   | 4.Contact Arrangement   |
| 2. STYLE:<br>P: PC COVER                                      | Nil: Form C<br>A: Form A<br>B: Form B                         |
| 3.Cont. Type<br>1:1 Polt<br>2:2 Polt<br>1H:16A(1 Post 2 Feet) | 5.Coil Nominal Voltage<br>6.Coil Nominal Voltage Type<br>D:DC |

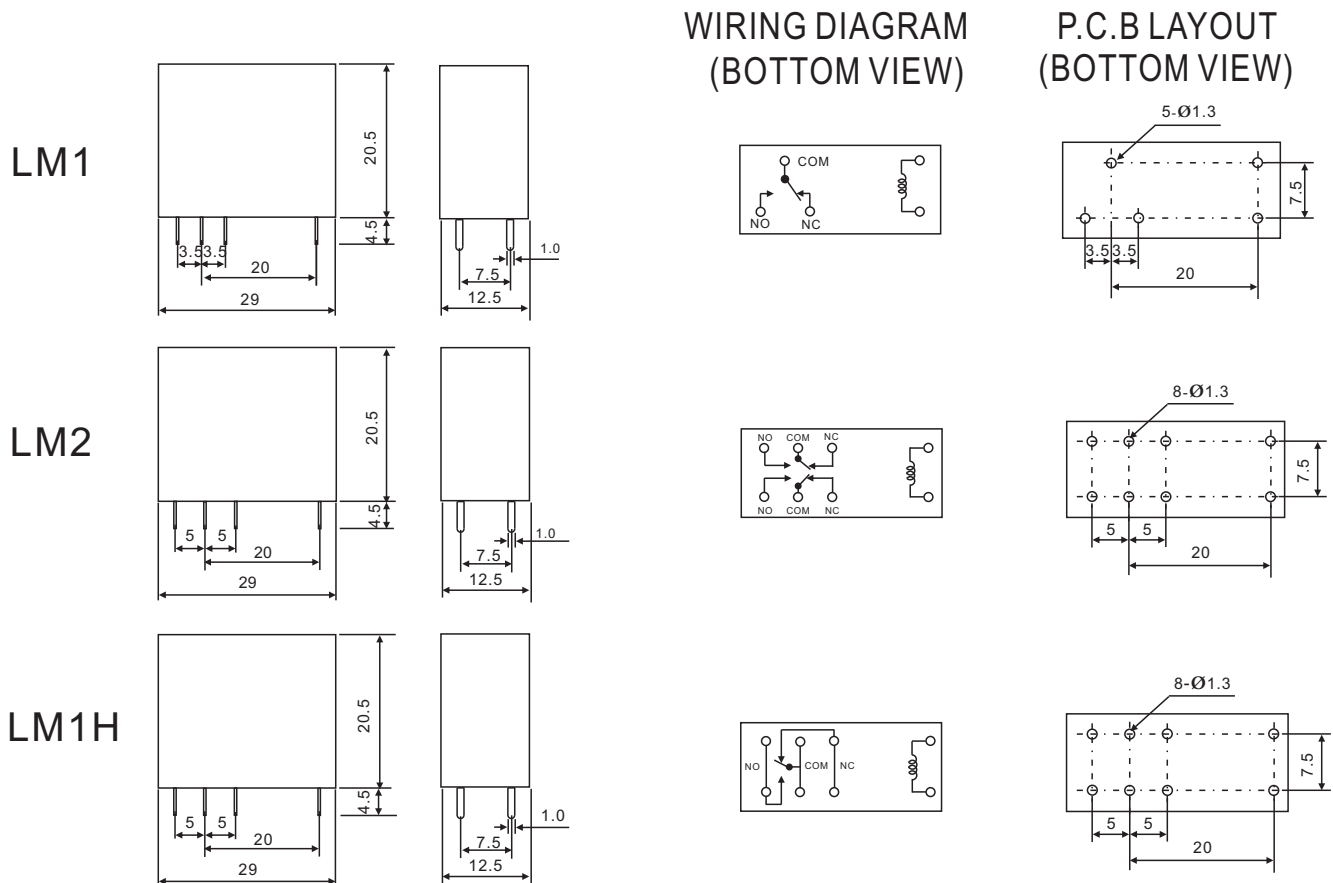
## COIL DATA (at 25°C)

DC 0.53 W				
Coil Nominal Voltage(VDC)	Resistance Tol±10%(Ohms)	Nominal Current (mA)	Maximum Pick Up Voltage (V)	Minimum Drop Out Voltage (V)
5	47	106.4	4	0.5
12	270	44.4	9.6	1.2
24	1,100	21.8	19.2	2.4

## CONTACT RATING

LM1	TYPE (1PDT)	Resistive (Cos.θ = 1)	AC 250V / DC 30V	12A
LM2	TYPE (2PDT)	Resistive (Cos.θ = 1)	AC 250V / DC 30V	8A
LM1H	TYPE (1PDT)	Resistive (Cos.θ = 1)	AC 250V / DC 30V	16A

## DIMENSIONS(±0.2mm)



## GENERAL DATA

Insulation Resistance	1,000 MΩ Min. (DC 500V)
Dielectric Strength	1,000 VAC, 50/60Hz between contact.
	5,000 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	15 ms max.
Release Time	10 ms max.
Temperature Range	- 40°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	Standard Type : 17 grams,