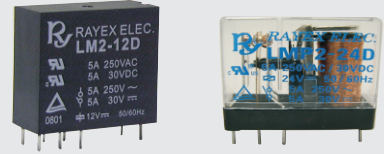


## FEATURES

- 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 |

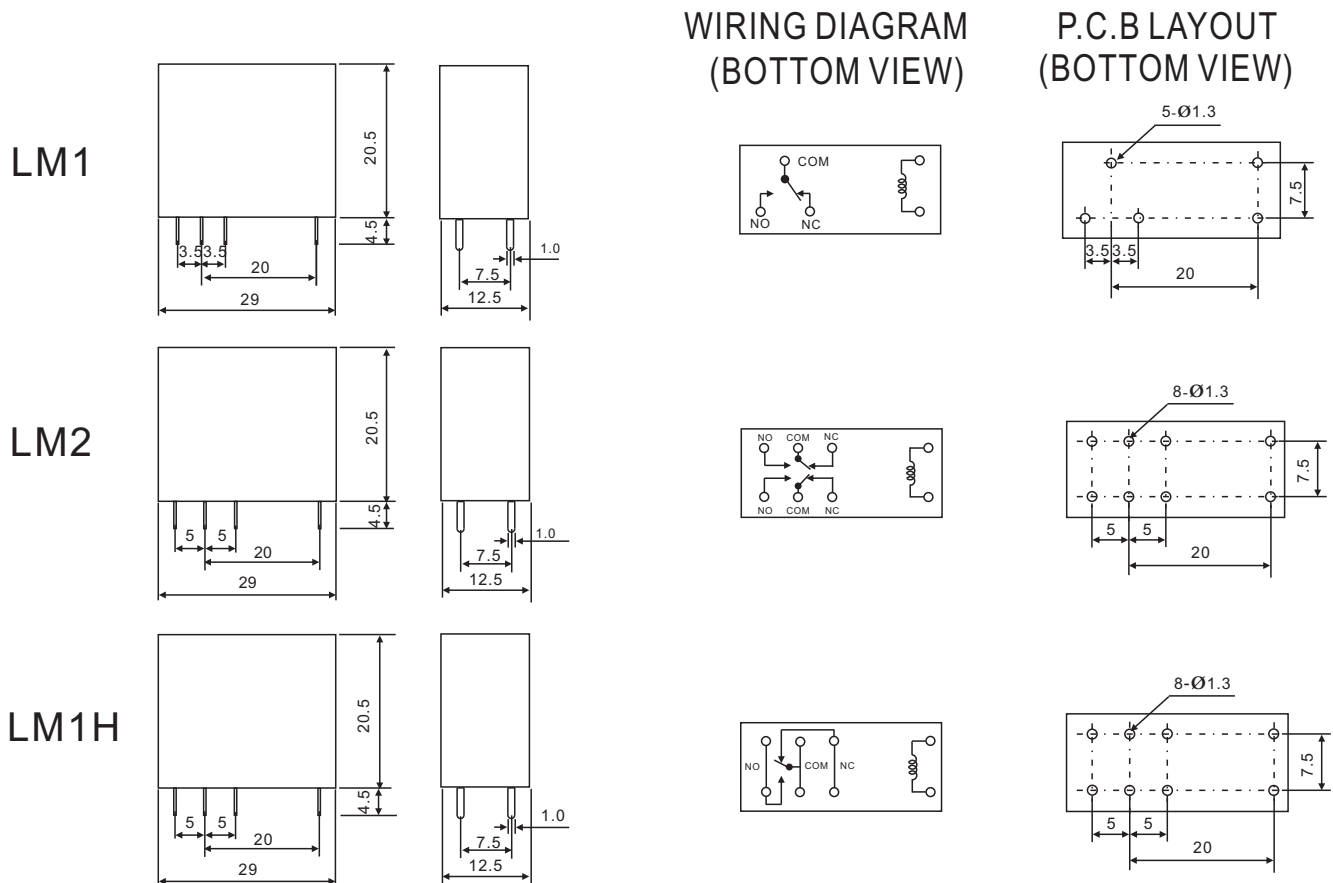
## COIL DATA (at 25°C)

| 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,                               |

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