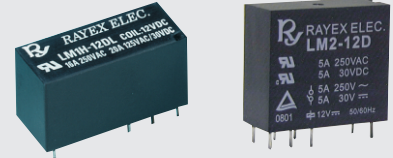


## FEATURES

- 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. : E126157  
 CUL FILE NO. : E126157  
 TUV FILE NO. : R50054883

## ORDERING INFORMATION

LM P 1H A — 12 D  
 1 2 3 4 5 6

- |                    |                        |                              |
|--------------------|------------------------|------------------------------|
| 1. Type            | 3. Cont. Type          | 5. Coil Nominal Voltage      |
| 2. STYLE:          | 1:1 Polt               | 6. Coil Nominal Voltage Type |
| Nil: 25.5mm HEIGHT | 2:2 Polt               | D : DC                       |
| R: 15.5mm HEIGHT   | 1H:16A(1Polt 2 Feet)   |                              |
| P: PC COVER        | 4. Contact Arrangement |                              |
| (25.5mm HEIGHT)    | Nil: Form C            |                              |
|                    | A: Form A              |                              |
|                    | B: Form B              |                              |

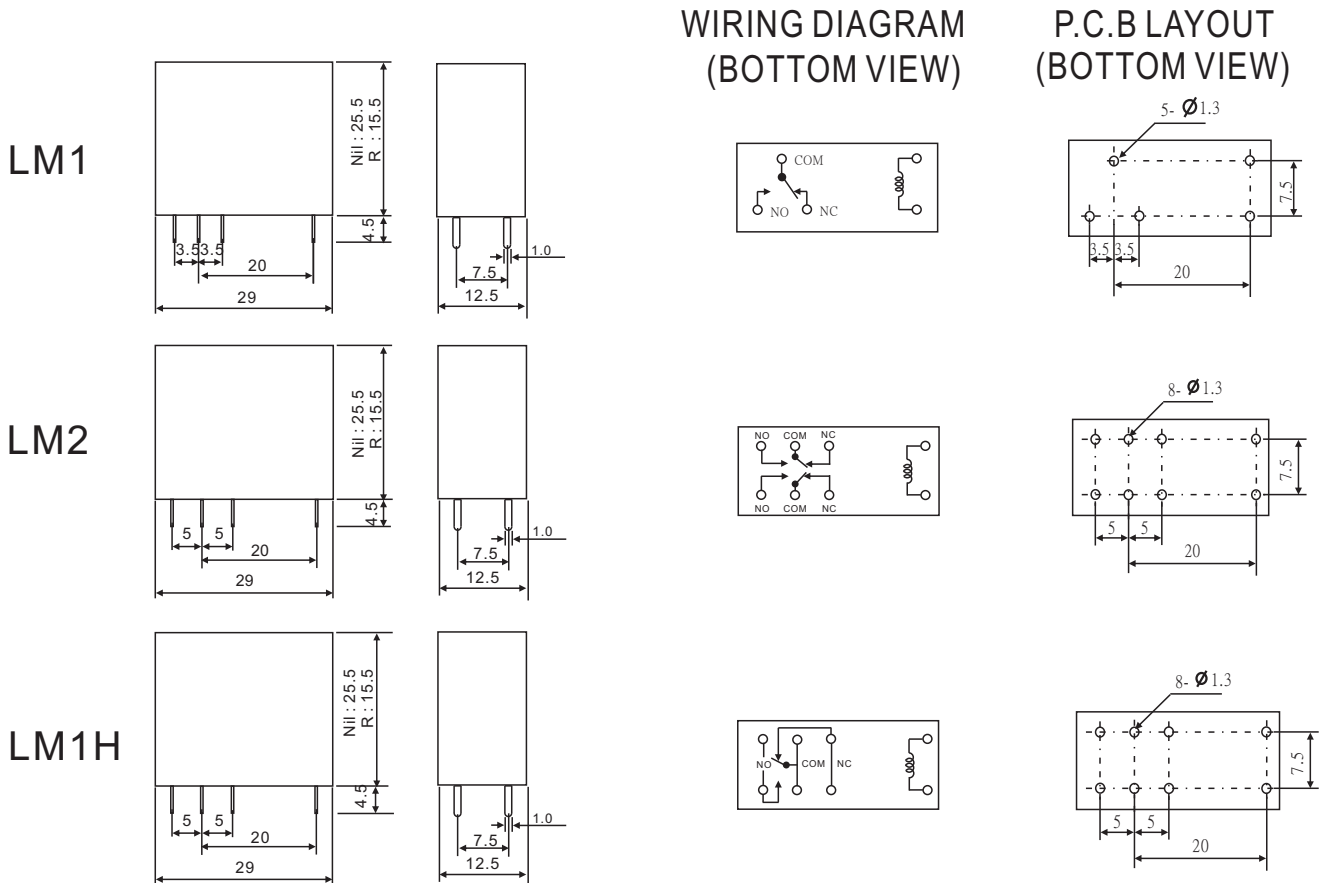
## COIL DATA (at 25°C)

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
	Resistive (Cos.θ = 0.4)	AC 250V	5A
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(±0.3mm)



## 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, , R Type : 12 garms