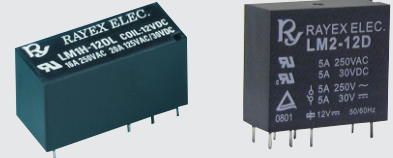


## FEATURES

- 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. : R3-50005425

## 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)   | A : AC                       |
| P: PC COVER        | 4. Contact Arrangement |                              |
| (25.5mm HEIGHT)    | Nil: Form C            |                              |
|                    | A: Form A              |                              |
|                    | B: Form B              |                              |

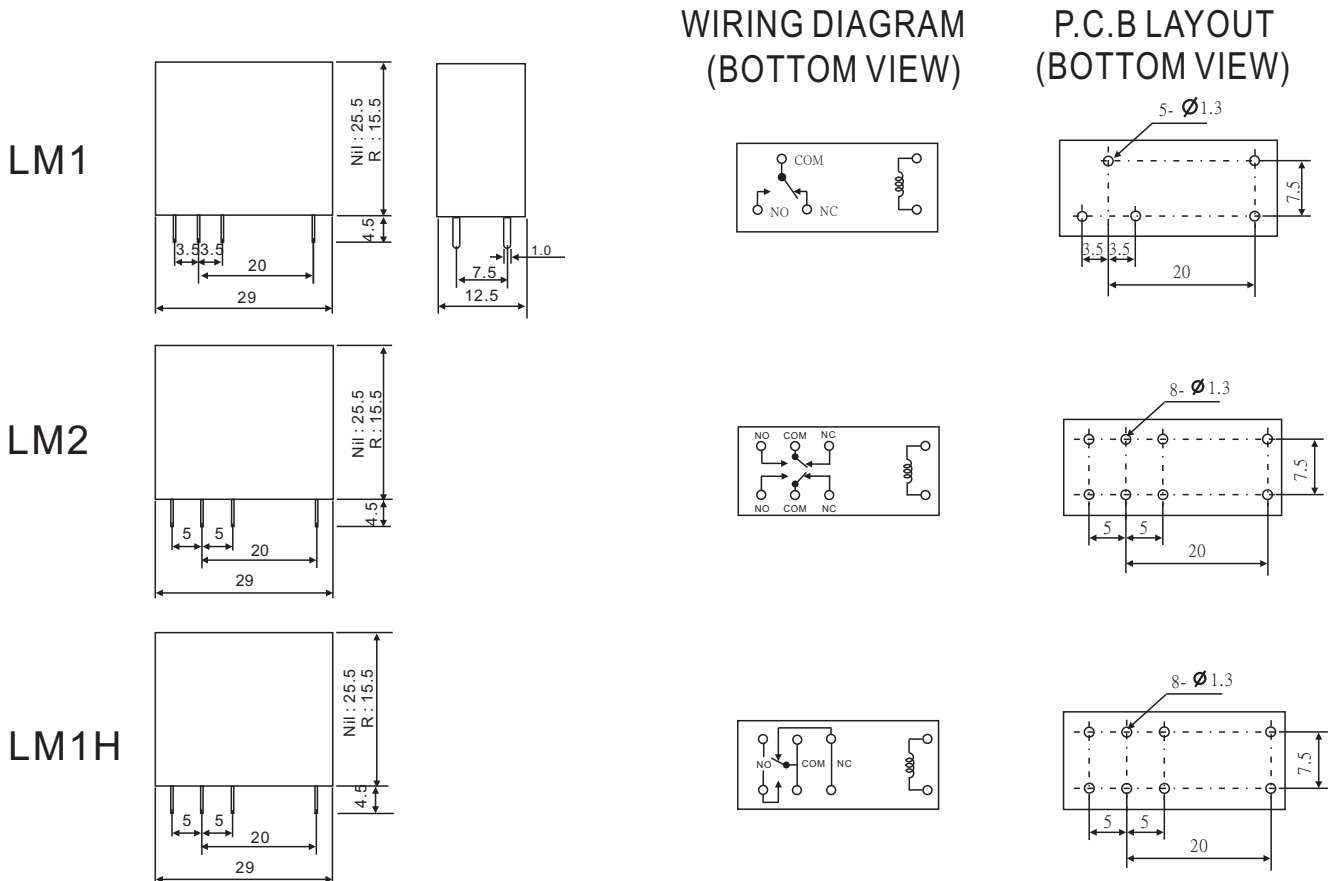
## COIL DATA (at 25°C)

DC 0.53 W					AC 1.2 VA			
Coil Nominal Voltage (VDC)	Resistance Tol.±10% (Ohms)	Nominal Current (mA)	Maximum Pick Up Voltage (V)	Minimum Drop Out Voltage (V)	Coil Nominal Voltage (50/60Hz)	Resistance Tol.±10% (Ohms)	Maximum Pick Up Voltage (V)	Minimum Drop Out Voltage (V)
3	17	176.5	2.25	0.3	6	16.5	4.8	1.8
5	47	106.4	3.75	0.5	12	63	9.6	3.6
6	68	88.0	4.5	0.6	24	250	19.2	7.2
9	155	58.0	6.75	0.9	110	5,600	88.0	33.0
12	270	44.4	9.0	1.2	220	18,800	176.0	66.0
24	1,100	21.8	18.0	2.4				
48	4,400	10.9	36.0	4.8				
100/110	18,860	5.3	82.5	11.0				

## 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	5A
LM1H	TYPE (1PDT)	Resistive (Cos.θ = 1)	AC 250V	16A
			AC 125V / DC 30V	20A

## DIMENSIONS(mm)



## 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	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	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, M Type : 15 grams, L Type : 12 garms