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# LMR SERIES

RAYEX ELEC.

ROHS

## 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

LMR 1 H A — xx D L  
 1 2 3 4 5 6 7

- |              |               |
|--------------|---------------|
| 1. Type      | 4. NIL:1C     |
| 2. 1:1 POLT  | A:N/O         |
| 2:2 POLT     | B:N/C         |
| 3. NIL:5 PIN | 5. COIL VOLT  |
| H :8 PIN     | 6. D:DC       |
|              | 7. L:H:20.5mm |

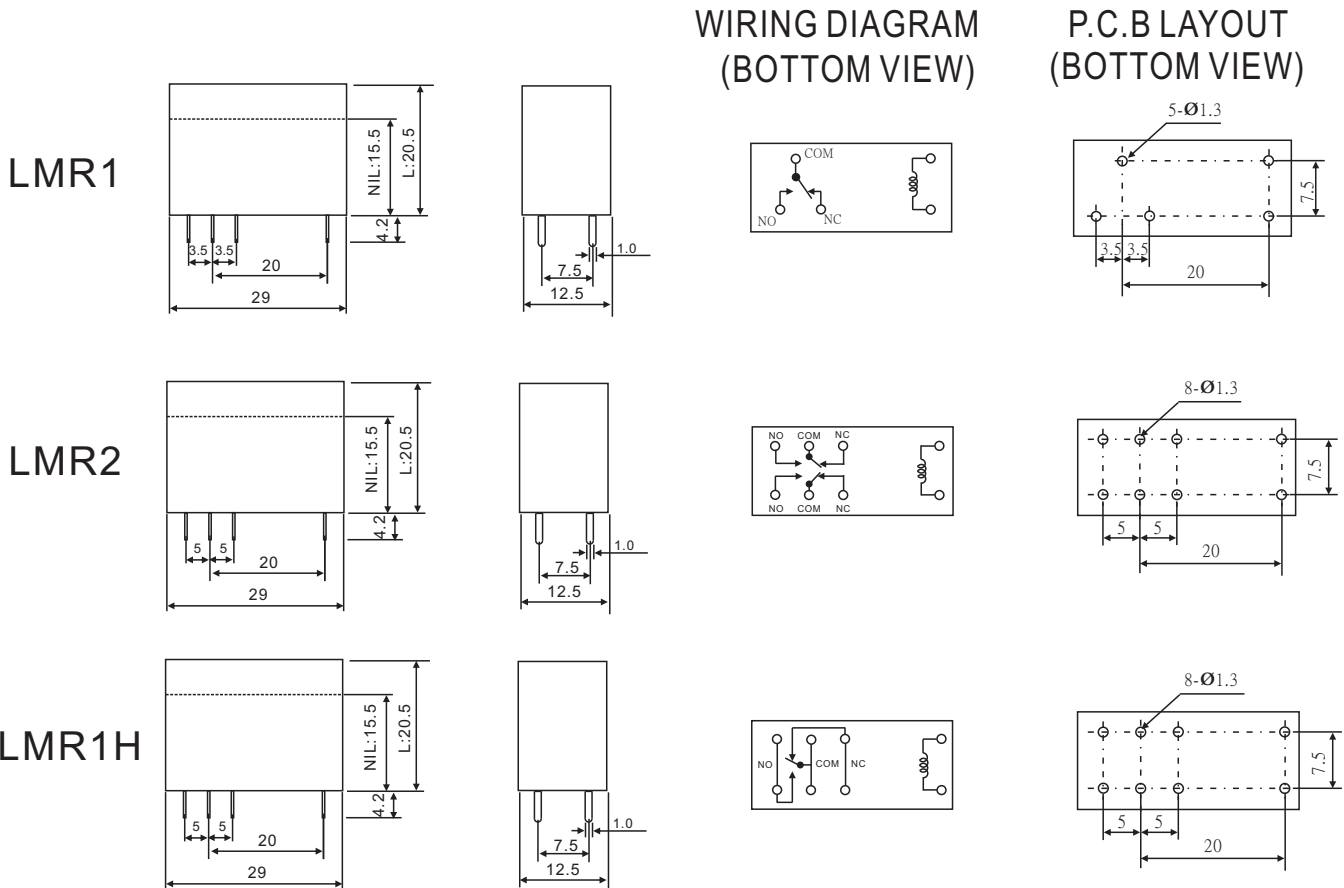
## COIL DATA (at 25°C)

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

LMR1	TYPE (1PDT)	Resistive (Cos.θ = 1)	AC 250V / DC 30V	12A
LMR2	TYPE (2PDT)	Resistive (Cos.θ = 1)	AC 250V / DC 30V	8A
LMR1H	TYPE (1PDT)	Resistive (Cos.θ = 1)	AC 250V / DC 30V	16A

## DIMENSIONS(±0.5mm)



## 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 ~ + 85°C
Expected Life	With operation rate 30/min.
	Mechanical - 10,000,000 operations min.
	Electrical - 100,000 operations min. at rated load.
Weight	12 garms