



LMR SERIES

RAYEX ELEC.

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 1H A — xx D L
 1 2 3 4 5 6

- | | |
|------------------------|------------------------------|
| 1. Type | 4. Coil Nominal Voltage |
| 2. Cont. Type | 5. Coil Nominal Voltage Type |
| 1:1 Pole (12A) | D: DC |
| 2:2 Pole (8A) | 6. Height |
| 1H:1 Pole 2 Feet(16A) | NIL:15.5mm |
| 3. Contact Arrangement | L:20.5mm |
| Nil: Form C | |
| A: Form A | |
| B: Form B | |

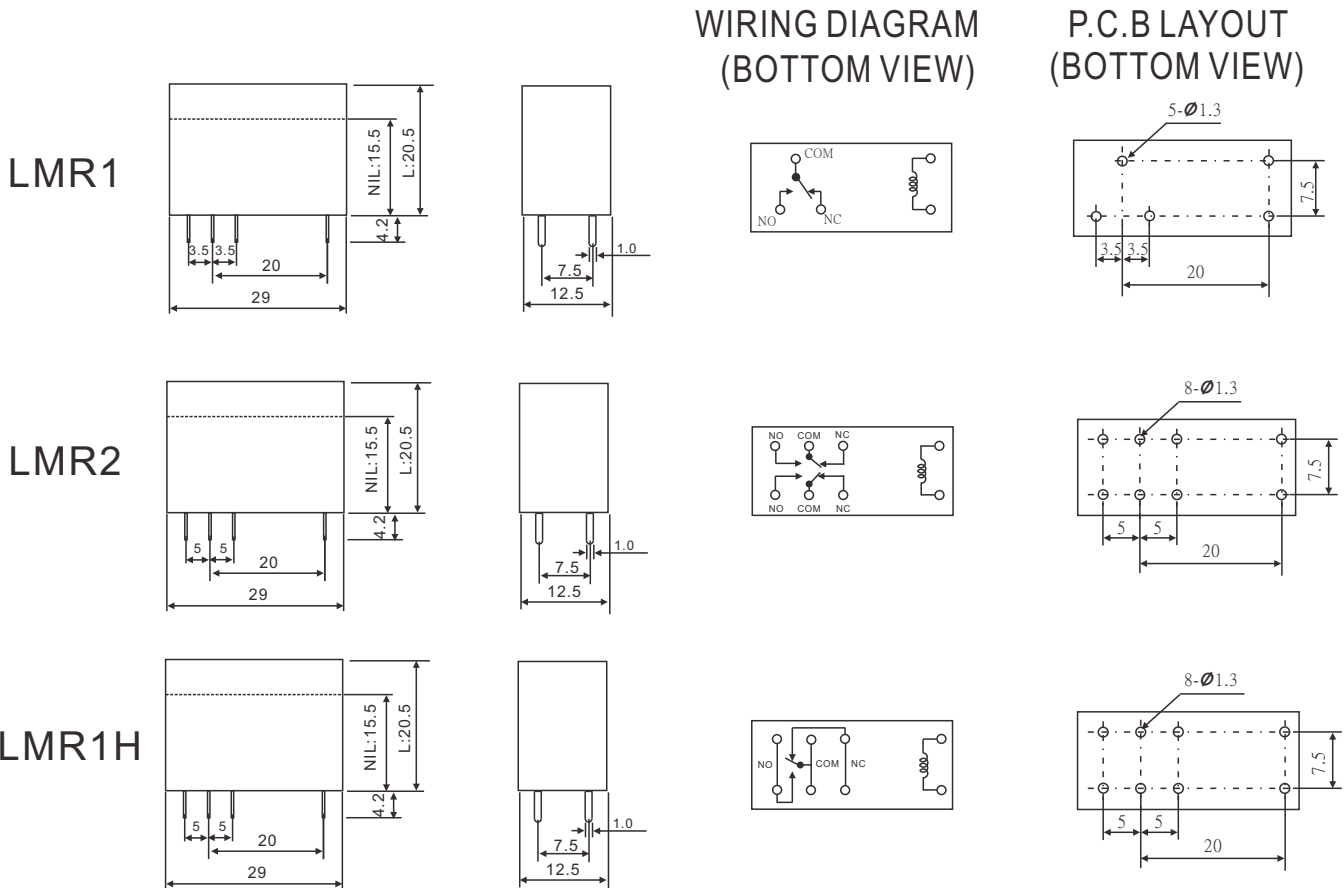
COIL DATA (at 25°C)

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

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