



HESTORE.HU

elektronikai alkatrész áruház

EN: This Datasheet is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.



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 |

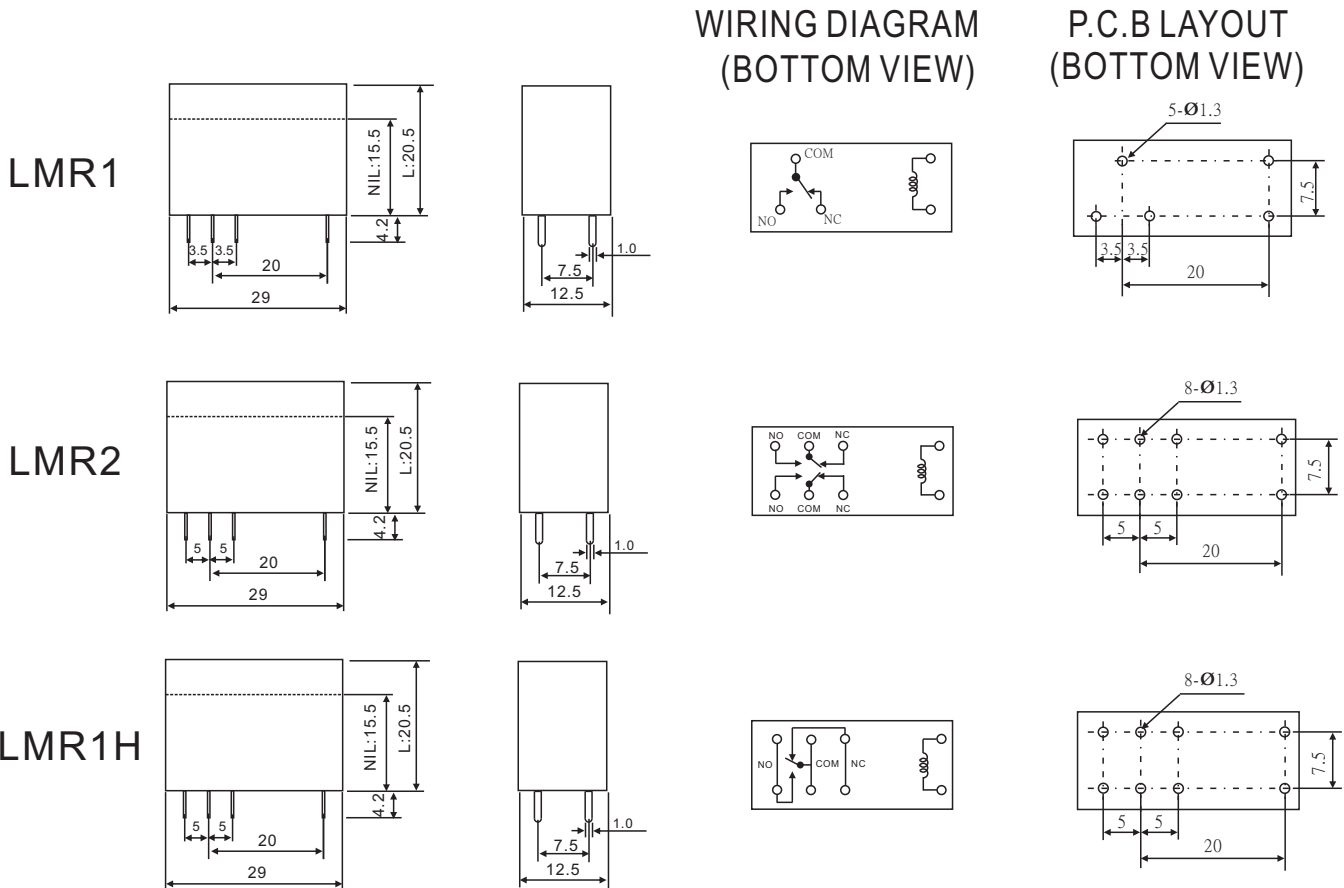
COIL DATA (at 25°C)

| 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 |