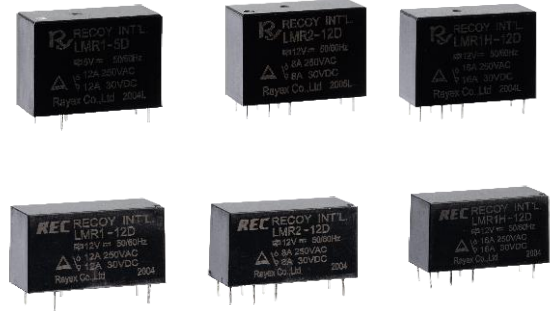


LMR SERIES

FEATURES

- High sensitive type
- Dielectric strength AC 5,000V
- 8mm insulation distance
- Using at home appliances, microwave ovens, air conditioners, audio equipment, temperature controller



TUV FILE NO. :R50054883

ORDERING INFORMATION

LMR **1H** **A** — **xx** **D**
 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) | (Marked on the date code) |
| 3.Contact Arrangement | NIL:15.5mm |
| Nil: Form C | L:20.5mm |
| A: Form A | |
| B: Form B | |

COIL DATA (at 25°C)

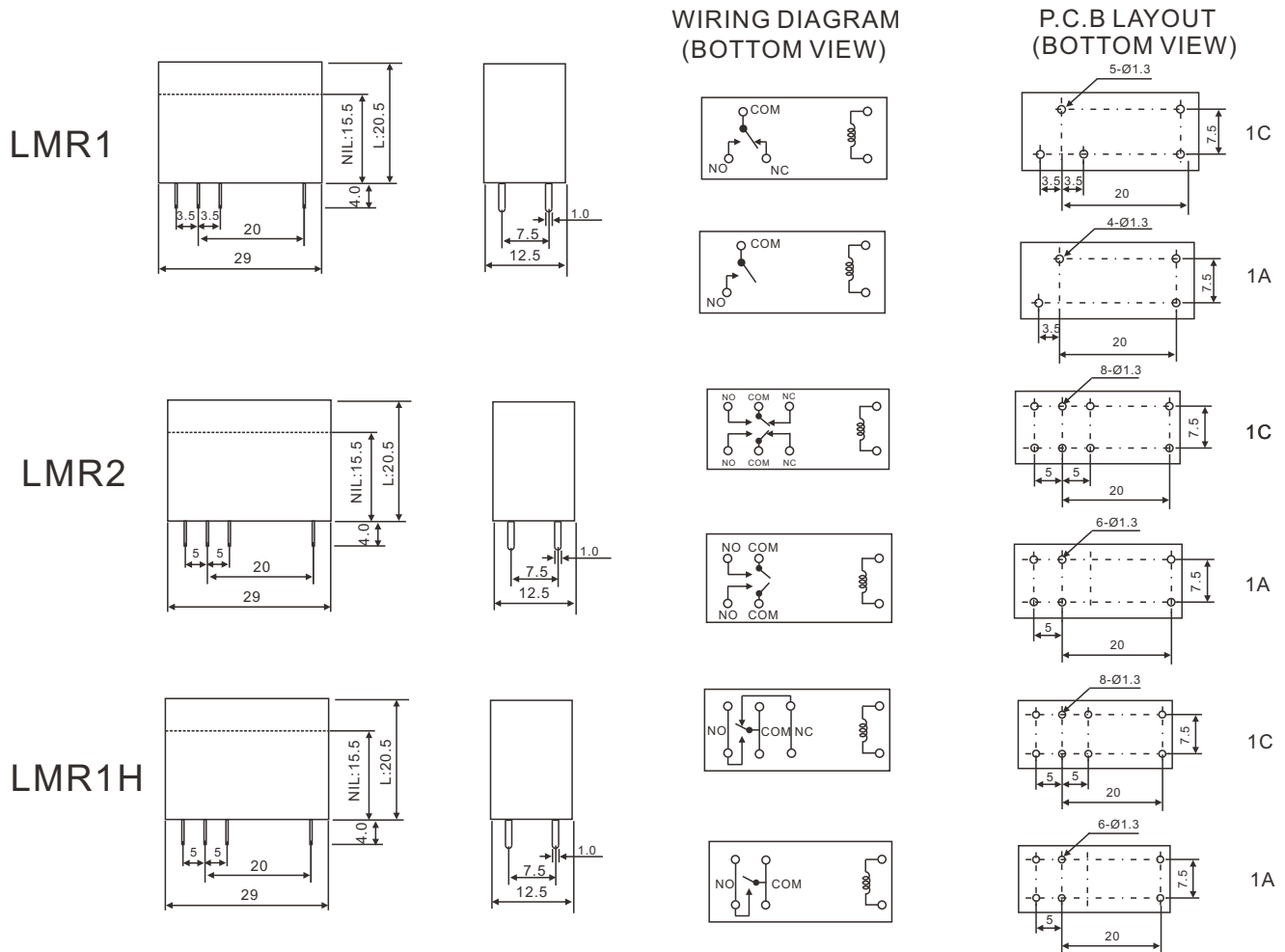
DC 0.53 W				
Coil Nominal Voltage(VDC)	Resistance Tol±10%(Ohms)	Nominal Current (mA)	Maximum Pick Up Voltage (V)	Minimum Drop Out Voltage (V)
5	47	106.4	4	0.5
6	68	88.0	4.8	0.6
12	270	44.4	9.6	1.2
24	1,100	21.8	19.2	2.4
48	4,347	11	38.4	4.8

RAYEX ELEC.ISSUED RECOY INT'L.

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(±0.3mm)



GENERAL DATA

Insulation Resistance	1,00 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

RAYEX ELEC.ISSUED RECOY INT'L.