



LJ SERIES

FEATURES

- Small size (18.6x10.4x15.8mm) up to 10A/ 5A switching
- capacity for high density PC Board mounting technique
- Plastic insulation material designed for high temperature and better chemical solution performance
- Using at Domestic appliances, office machines, audio equipment, Automotive, etc.



ORDERING INFORMATION

LJ A — 12 S
 1 2 3 4

- | | |
|------------------------|-------------------------|
| 1. Type | 3. Coil Nominal Voltage |
| 2. Contact Arrangement | 4. Coil Sensitivity |
| Nil : 1 Form C | Nil : 0.45W |
| A : 1 Form A | S : 0.2 W |

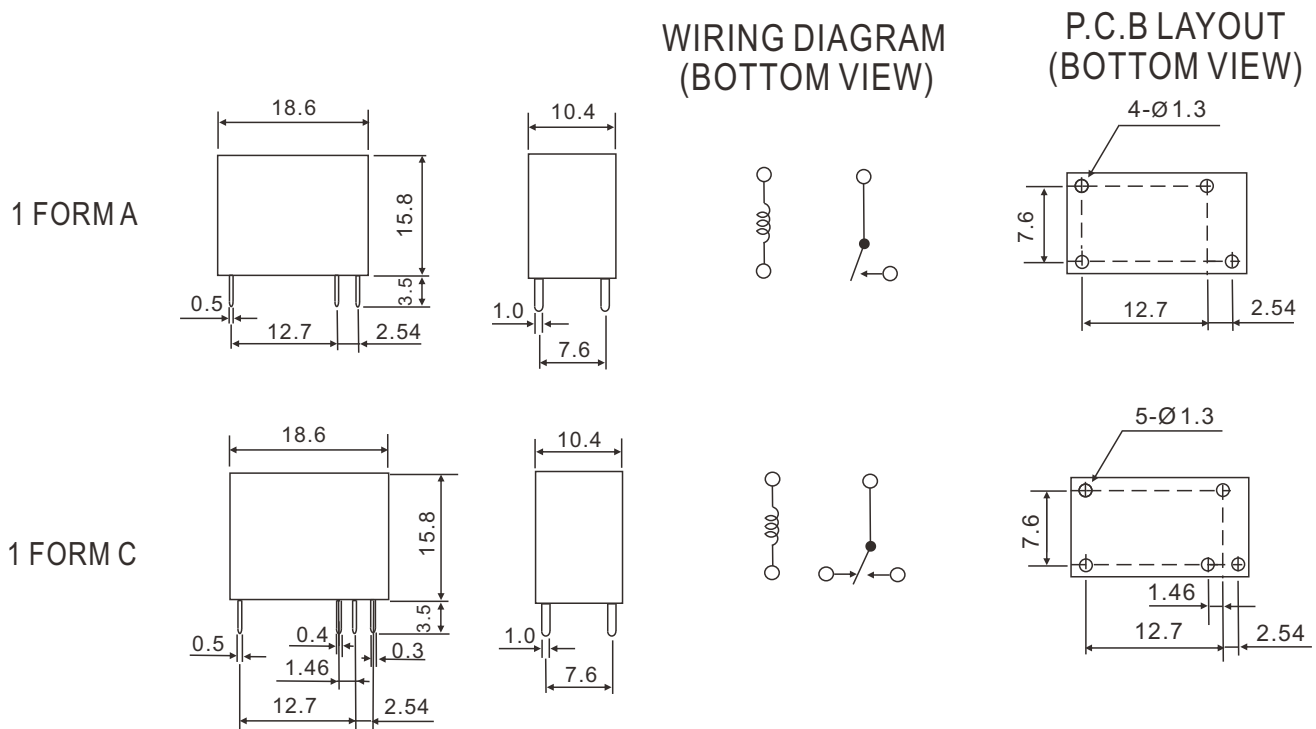
COIL DATA(0.2W,0.45W, at 25°C)

Coil Nominal Voltage (VDC)	Resistance Tol.±10% (Ohms)		Nominal Current (mA)		Maximum Pick Up Voltage (V)		Minimum Drop Out Voltage (V)
	0.45W	0.2W	0.45W	0.2W	0.45W	0.2W	
3	20	45	150.0	67.0	2.25	2.4	0.3
5	55	125	91.0	40.0	3.75	4.0	0.5
6	80	180	75.0	33.3	4.5	4.8	0.6
9	180	405	50.0	22.5	6.75	7.2	0.9
12	320	720	37.5	16.7	9.0	9.6	1.2
24	1,280	2,880	18.8	8.6	18.0	19.2	2.4
48	5,100		9.4		36.0		4.8

CONTACT RATING

1 FORM A(1PST)	Resistive (Cos.θ = 1)	0.45W	AC 125V	10A
			AC 250V/DC30V	5A
		0.2W	AC 125V	5A
			AC 250V/DC30V	3A
1 FORM C(1PDT)	Resistive (Cos.θ = 1)	0.45W	AC 125V	10A
			AC 250V/DC30V	5A

DIMENSIONS(±0.2mm)



GENERAL DATA

Insulation Resistance	1000 MΩ Min. (DC 500V)
Dielectric Strength	1000 VAC, 50/60Hz between contact.
	A:3,500,C:2500/ 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	10 ms max.
Release Time	5 ms max.
Temperature Range	- 30°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	6 grams

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