

## FEATURES

- 1A (1PST) and 1C (1PDT) contact form
- Up to 30A switching capacity in SPST and 20A
- switching in SPDT arrangement.
- Using at home appliance, power switching appliances,
- car controller, heating, ventilating, and conditioning systems, etc.

## ORDERING INFORMATION

$\frac{L904}{1}$      $\frac{A}{2}$     —     $\frac{12}{3}$

1. Type
2. Contact Arrangement  
 Nil : 1 Form C(1PDT)  
 A : 1 Form A(1PST-NO)  
 B : 1 Form B(1PST-NC)
3. Coil Nominal Voltage

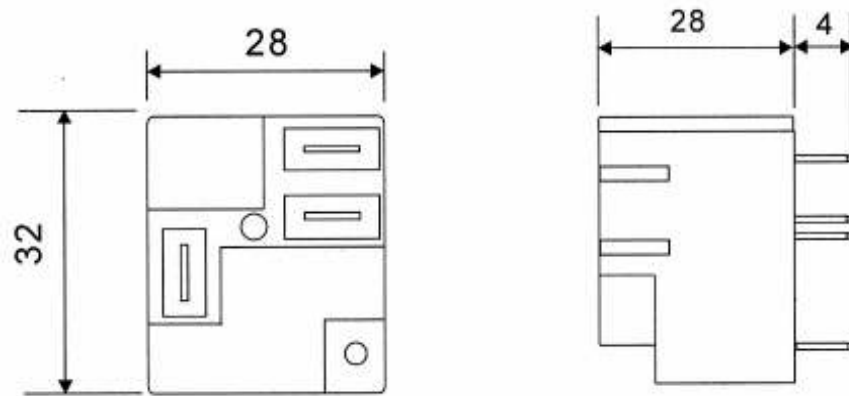
## COIL DATA(0.93W,at 25°C)

Coil Nominal Voltage (VDC)	Resistance Tol.±10% (Ohms)	Nominal Current (mA)	Maximum Pick Up Voltage (V)	Minimum Drop Out Voltage (V)
5	27	185	3.75	0.5
6	40	150	4.5	0.6
9	97	93	6.75	0.9
12	155	77	9.0	1.2
24	660	36	18.0	2.4
48	2,560	18	36.0	4.8

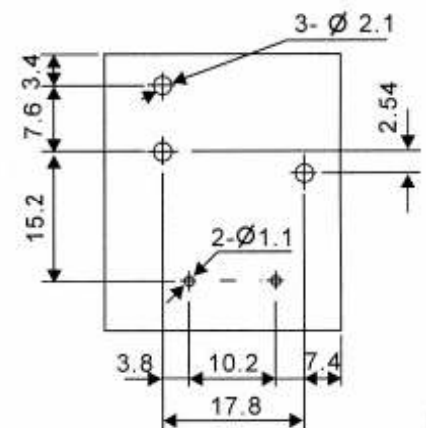
## CONTACT RATING

1A(1PST-NO)	Resistive (Cos.θ = 1)	AC 240V / 30A	AC 277V / 20A	DC 30V / 20A
1B(1PST-NC)	Resistive (Cos.θ = 1)	AC 240V / 20A	AC 277V / 15A	DC 30V / 10A
1C(1PDT)	Resistive (Cos.θ = 1)	NO : AC 240V / 30A	NO : AC 277V / 20A	NO:DC 30V / 20A
	Resistive (Cos.θ = 1)	NC : AC 240V / 20A	NC : AC 277V / 15A	NC:DC 30V / 10A

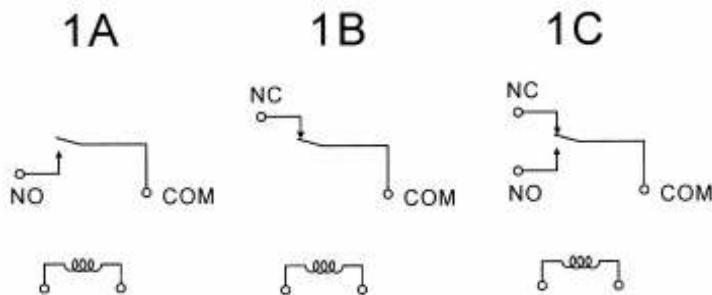
## DIMENSIONS(mm)



P.C.B LAYOUT  
(BOTTOM VIEW)



WIRING DIAGRAM(BOTTOM VIEW)



## GENERAL DATA

Insulation Resistance	500 MΩ Min. (DC 500V)
Dielectric Strength	1,500 VAC, 50/60Hz between contact.
	2,000 VAC, 50/60Hz between all elements.
Contact Material	Silver- Cadmium Oxide as standard.
Contact Resistance	50 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	15 ms max.
Temperature Range	- 55°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	28 grams