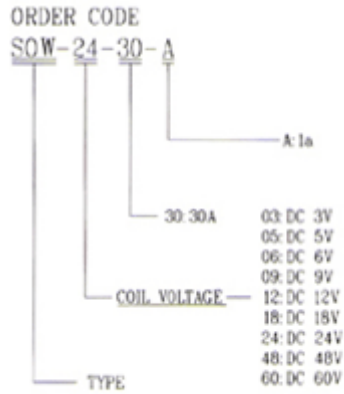


# SOW SERIES



- Main Features:
- 1 form A (SPST) contact.
  - Employment of suitable plastic materials to be applied to high temperature and various chemical solutions.
  - Surge strength 5,000 VAC.
  - PCB terminal and quick connect terminal.

## COIL RATING (at 20°C)

Nominal Voltage (VDC)	Coil resistance (Ω) (+-10%)	Power Consumpt -10 N (W)	Nominal Current (mA)(+-10%)	Pull In Voltage (VDC)	Drop Out Voltage (VDC)	Max Allowable Voltage (VDC)
3V	10.0Ω	0.9W	300.0mA	80% Max.	5% Min.	130%
5V	27.7Ω		180.0mA			
6V	40.0Ω		150.0mA			
9V	90.0Ω		100.0mA			
12V	160.0Ω		75.0mA			
18V	360.0Ω		50.0mA			
24V	650.0Ω		37.5mA			
48V	2560.0Ω		18.8mA			
60V	4000.0Ω		15.0mA			

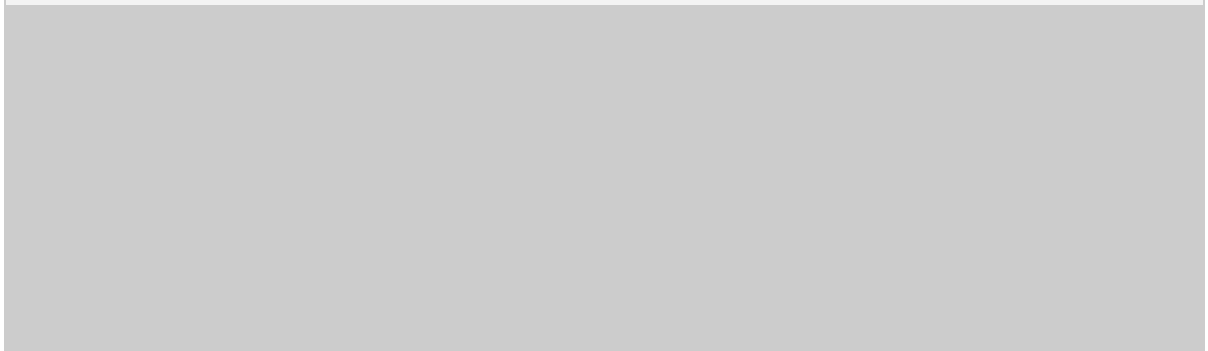
## PERFORMANCE (at initial value)

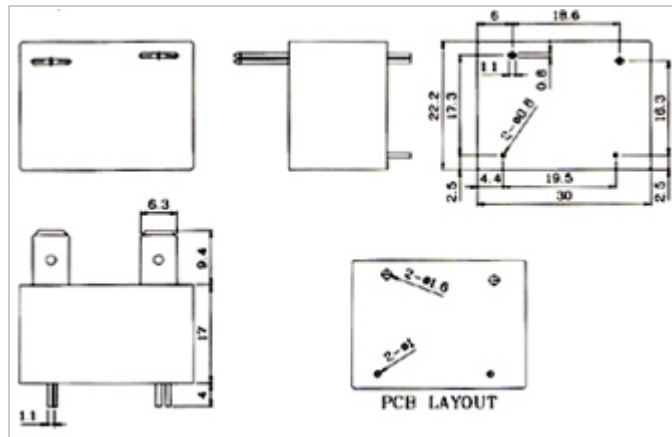
Item \ Type	20A
Contact Resistance	100m $\Omega$ Max (initial)
Operate Time	20m sec Max.
Release Time	10m sec Max.
Dielectric Strength between coil & contact between contact	Ac5000V (1min.) Ac1000V (1min.)
Insulation Resistance	100M $\Omega$ Min. (DC500V)
Operating Ambient Temperature	-30°C ~ +70°C
Humidity	35 to 85% RH
Vibration Resistance	10G (10~50Hz) (Dual amplitude: 1.5mm)
Shock Resistance	10G
Life Expectancy Mechanically Electrically	10,000,000 ops . Min. (1800 ops./h) 100,000 ops. Min. (1200 ops./h)
Weight	23g (about)

## CONTACT RATING

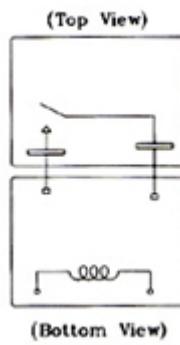
Item \ Type	30A
Rated Carrying Current	AC 120V 30A AC 240V 20A DC 24V 15A
Max. Allowable Current	35A
Max. Allowable Voltage	AC 240V 30A DC 110V 30A
Max Current (continual)	30A
Contact Material	Ag Alloy

## DIMENSIONS (Unit: mm)





WIRING DIAGRAMS (Bottom View)



REFERENCE DATA

