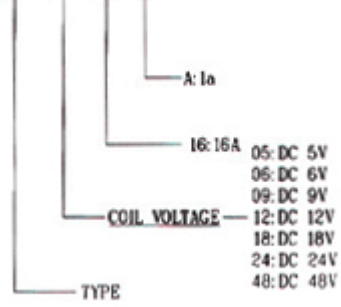


# SJV SERIES

## ORDER CODE

**SJV-12-16-A**



### Main Features:

- 1 form A (SPST) contact.
- Heavy current up to 16amps.
- Nominal power 200 mw.
- High sensitivity in small package.

## COIL RATING (at 20°C)

Nominal Voltage (VDC)	Coil resistance ( $\Omega$ ) (+-10%)	Power Consumpt -10 N (W)	Nominal Current (mA)(+-10%)	Pull In Voltage (VDC)	Drop Out Voltage (VDC)	Max Allowable Voltage (VDC)
5V	125 $\Omega$	0.2W	40.0mA	70% Max.	10% Min.	110%
6V	180 $\Omega$		33.3mA			
9V	405 $\Omega$		22.2mA			
12V	720 $\Omega$		16.7mA			
18V	1620 $\Omega$		11.1mA			
24V	2880 $\Omega$		8.3mA			
48V	11520 $\Omega$		4.2mA			

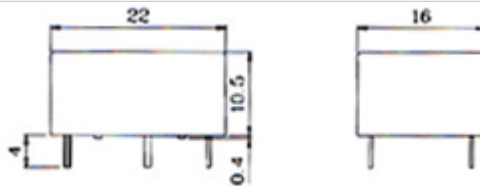
## PERFORMANCE (at initial value)

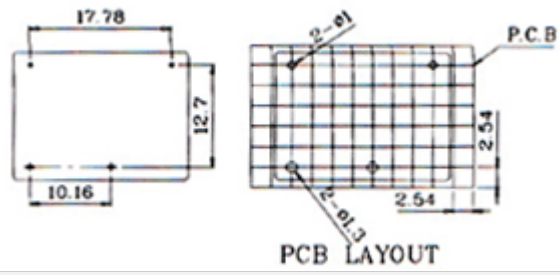
Item \ Type	16A
Contact Resistance	50m $\Omega$ Max (initial)
Operate Time	20m sec Max.
Release Time	10m sec Max.
Dielectric Strength between coil & contact between contact	Ac1500V (1min.) Ac1000V (1min.)
Insulation Resistance	100M $\Omega$ Min. (DC500V)
Operating Ambient Temperature	-40°C ~ +70°C
Humidity	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	8g (about)

#### CONTACT RATING

Item \ Type	16A
Rated Carrying Current	AC 125V 16A AC 250V 10A DC 30V 10A
Max. Allowable Current	16A
Max. Allowable Voltage	AC 277V DC 110V
Max Current (continual)	16A
Contact Material	Ag Alloy

#### DIMENSIONS (Unit: mm)





WIRING DIAGRAMS (Bottom View)

