

SJV SERIES

ORDER CODE

SJV-12-16-A

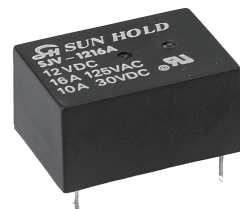
A: 1a

16: 16A

COIL VOLTAGE

TYPE

05: DC 5V
06: DC 6V
09: DC 9V
12: DC 12V
18: DC 18V
24: DC 24V
48: DC 48V



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 (Ω)($\pm 10\%$)	POWER CONSUMPT -ION(W)	NOMINAL CURRENT (mA)($\pm 10\%$)	PULL IN VOLTAGE (VDC)	DROP OUT VOLTAGE (VDC)	MAX. ALLOWABLE VOLTAGE (VDC)
5V	125 Ω	0.2W	40.0mA	70% MAX.	10% MIN.	110%
6V	180 Ω		33.3mA			
9V	405 Ω		22.2mA			
12V	720 Ω		16.7mA			
18V	1620 Ω		11.1mA			
24V	2880 Ω		8.3mA			
48V	11520 Ω		4.2mA			

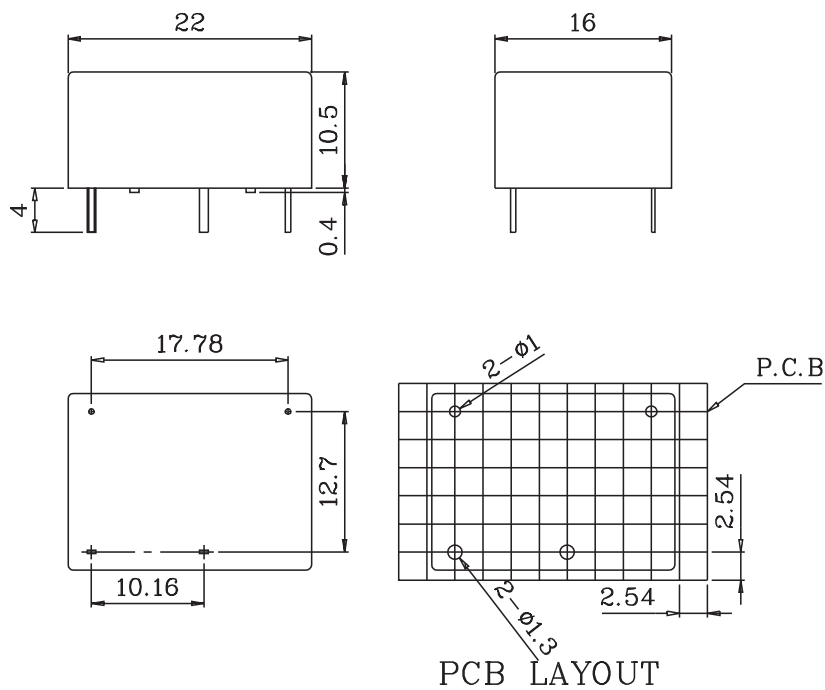
PERFORMANCE (at initial value)

Item \ Type	16A
Contact Resistance	50m Ω Max. (initial value)
Operate Time	20msec Max.
Release Time	10msec Max.
Dielectric Strength between coil & contact between contact	AC1500V (1min) AC1000V (1min)
Insulation Resistance	100M Ω Min.(DC500V)
Operating Ambient Temperature	-40°C ~ +70°C
Humidity	35 to 85% RH
Vibration Resistance	10G (10~55Hz)(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

CONTACT RATING

Item \ Type	16A
Rated Carrying Current	AC125V 16A AC250V 10A DC30V 10A
Max. Allowable Current	16A
Max. Allowable Voltage	AC277V DC110V
Max. Current(continual)	16A
Contact Material	Ag Alloy

DIMENSIONS(Unit: mm)



WIRING DIAGRAMS(Bottom View)

