

ARTICLE CODE

S22 - 12 A

S22 Series



A:1A

Coil Voltage
3,5,6,9,12,24 VDC

Model Name:S22

Main Features:

- Small size,light weight.
- Switching capacity up to 5A.
- Low coil power consumption 0.2W.
- Suitable for household electrical appliance, automation equipment, instrument, meter

COIL RATING(at 20°C)

Nominal Voltage (VDC)	Coil Resistance (Ω)(±10%)	Power Consumption(W)	Nominal Current (mA)(±10%)	Pull In Voltage (VDC)	Drop Out Voltage (VDC)	Max. Allowable Voltage (VDC)
3V	45Ω	0.2W	66.7mA	75% MAX	5% MIX	130%
5V	125Ω		40.0mA			
9V	405Ω		22.2mA			
12V	720Ω		16.7mA			
24V	2880Ω		8.3mA			

PERFORMANCE(at initial value)

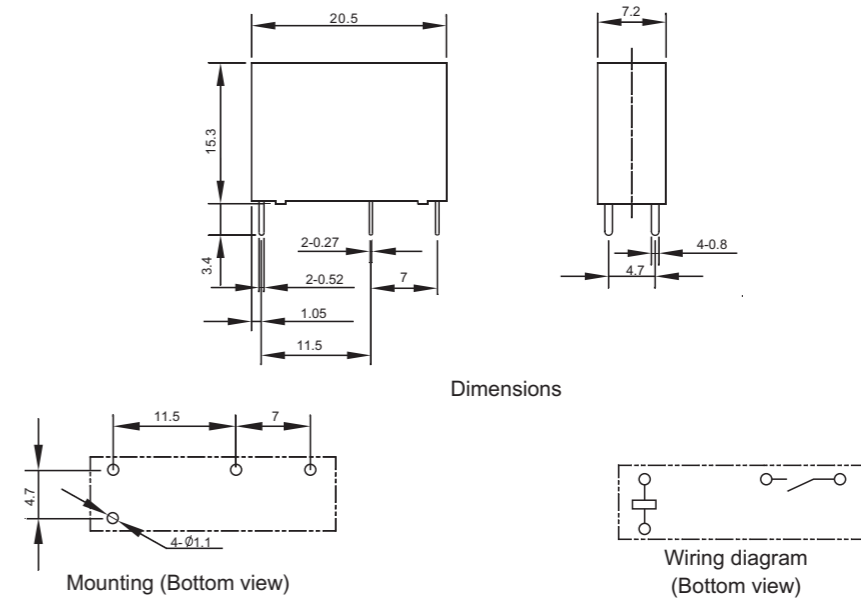
Item	Type	5A
Contact Resistance		100mΩ Max.(Initial Value)
Operate Time		10msec Max.
Release Time		5msec Max.
Dielectric Strength between Coil & Contact between Contact		4000VAC(1min) 750VAC(1min)
Insulation Resistance		1000MΩ Min.(DC500V)
Operating Ambient Temperature		-30°C ~+70°C
Humidity		20 to 85% RH
Vibration Resistance		10G(10~55Hz) (Dual Amplitude:2mm)
Shock Resistance		10G
Life Expectancy Mechanically Electrically		10,000,000 ops.Min.(1800 ops./h) 100,000 ops.Min.(1200 ops./h)
Weight		4g(approx.)

CONTACT RATING

Item	Type	5A
Rated Carrying Current		5A/250VAC 5A/28VDC
Max. Allowable Current		5A
Max. Allowable Voltage		275VAC 30VDC
Max. Current(Continual)		5A
Contact Material		Ag alloy

OUTLINE DIMENSION, WIRING DIAGRAM & PC BOARD LAYOUT

Unit: mm



Remark: 1) In case of no tolerance shown in outline dimension: outline dimension ≤1mm, tolerance should be ±0.2mm; outline dimension >1mm and ≤5mm, tolerance should be ±0.3mm; outline dimension >5mm, tolerance should be ±0.4mm.
2) The tolerance without indicating for PCB layout is always ±0.1mm.

REFERENCE DATA

