


ARTICLE CODE

SS - 1A 05 s M

SS Mini Series



Nil:Standard
M:Metallic

Mini Type

Coil Voltage
5, 12 VDC

1A:1A
1B:1B

Model Name:SS

Main Features:

- SIP Reed Relay.
- Plastic and Metals all available.
- Completely washable.
- Surge strength 1,500 VDC(between coil& contact).
- Provide high speed,miniature and cost effective switching solution.
- Mini Size:15.2X4.20X6.95mm

CONTACT RATING

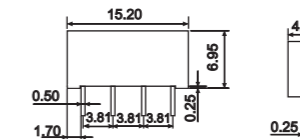
Item	Type	0.5A
Rated Carrying Current		0.1A/125VAC 0.5A/24VDC
Max. Allowable Current		1A
Max. Allowable Voltage		100VAC 100VDC
Max. Current(Continual)		0.5A
Max. Switching Power		10W,10VA
Max. Switching Voltage		200VDC
Max. Switching Current		0.5A
Contact Material		Ruthenium

COIL RATING(at 20°C)

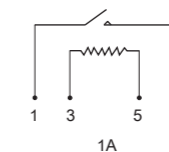
Nominal Voltage (VDC)	Coil Resistance (Ω)(±10%)	Power Consumption(W)	Nominal Current (mA)(±10%)	Pull In Voltage (VDC)	Drop Out Voltage (VDC)	Max. Allowable Voltage (VDC)
5V	500Ω	0.050W	10.0mA	3.75V	0.25V	10V
12V	1000Ω	0.144W	12.0mA	9.00V	0.60V	20V

OUTLINE DIMENSION,WIRING DIAGRAM & PC BOARD LAYOUT

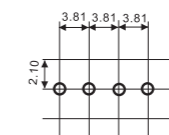
Unit: mm



Dimensions



Mounting (Bottom view)



Wiring diagram (Bottom view)

PERFORMANCE(at initial value)

Item	Type	0.5A
Contact Resistance		150mΩ Max.(Initial Value)
Operate Time		0.5msec Max.
Release Time		0.2msec Max.
Dielectric Strength between Coil & Contact between Contact		1400VDC(1min) 200VDC(1min)
Insulation Resistance		1000MΩ Min.(DC500V)
Operating Ambient Temperature		-30°C ~+70 °C
Humidity		35 to 85% RH
Vibration Resistance		10G(10~55Hz) (Dual Amplitude:1.5mm)
Shock Resistance		10G
Life Expectancy Mechanically Electrically		100,000,000 ops.Min.(1800 ops./h) 50,000,000 ops.Min.(1200 ops./h)
Weight		1g(approx.)

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.