

SIP Type. Wet Reed Relay**Features**

- High power mercury reed relay
- Low stray capacitance
- High life expectancy
- Diode magnetic shield and options

**Order Code**

SIW/SIWN-1A-XX X X
a b c

a:Nominal Coil Voltage:05=5VDC, 12=12VDC, 24=24VDC

b:Nil=Standard Type, D=Diode, S=Magnetic Shied

N=Diode+Magnetic Shield

c:1=Standard Type, 2=Special

Coil Data-Standard Type 1FormA (at 20℃)

Nominal Voltage DC±10%[V]	Coil Resistance ±10% (ohm)	Nominal Current (mA)	Min. Release Voltage (VDC)	Max. Operate Voltage (VDC)
5	150	33.3	0.5	3.8
12	500	24.0	1.0	9.0
24	1440	16.7	2.0	18.0

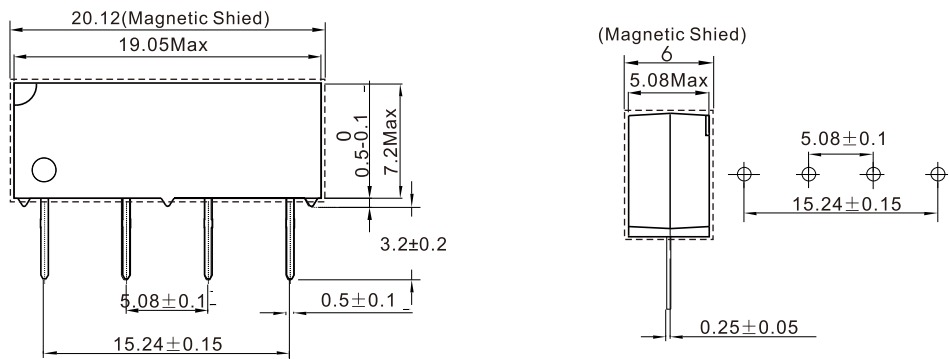
Contact Rating

Relay Model	SIW	SIWN
Contact Form	1FormA	
Contact Rating	50W	
Max.Switching Voltage	1500VDC	500VDC
Max.Switching Current	2A	
Max.Carry Current	3A	

Specification

Relay Model	SIW		SIWN	
Contact Resistance	100mΩ			
Breakdown Voltage	Open contacts	2000 VDC	Open contacts	1500 VDC
	Contact to Coil	1500 VDC	Contact to Coil	1500 VDC
Insulation Resistance	Open contacts		1x10 ¹⁰ Ω	
	Contact to Coil		1x10 ¹⁰ Ω	
Capacitance(typ.)	Open contacts		0.3pF(typ)	
Operate Time	2. 0mS		1. 2mS	
Release Time	1. 5mS		1. 0mS	
Vibration	10G		20G	
Shock	30G		50G	
Operating Temperature	-10℃~+60℃			
Storage Temperature	-30℃~+80℃			
Life Expectancy of Mechanical	1X10 ⁹ operations			
Life Expectancy of Electrical	500VDC-0.1A,5x10 ⁷ operations(R.L.)			

Dimensions (Unit: mm)



Wiring Diagrams (Bottom View)

