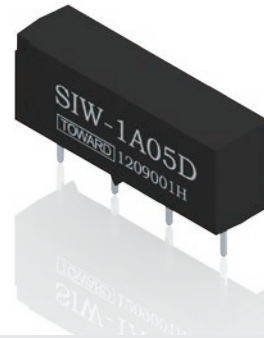


# SIW Series

## 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/WIWN-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 Shield,  
 N=Diode+Magnetic Shield  
 c : 1=Standard Type, 2=Special

### Coil Data-Standard Type 1 Form A (at 20°C )

Nominal Voltage DC $\pm 10\%$ [V]	Coil Resistance $\pm 10\%$ [ohm]	Nominal Current (mA)	Max. Operate Voltage (VDC)	Min. Release Voltage (VDC)
5	150	33.3	3.8	0.5
12	500	24	9	1
24	1440	16.7	18	2

### Contact Rating

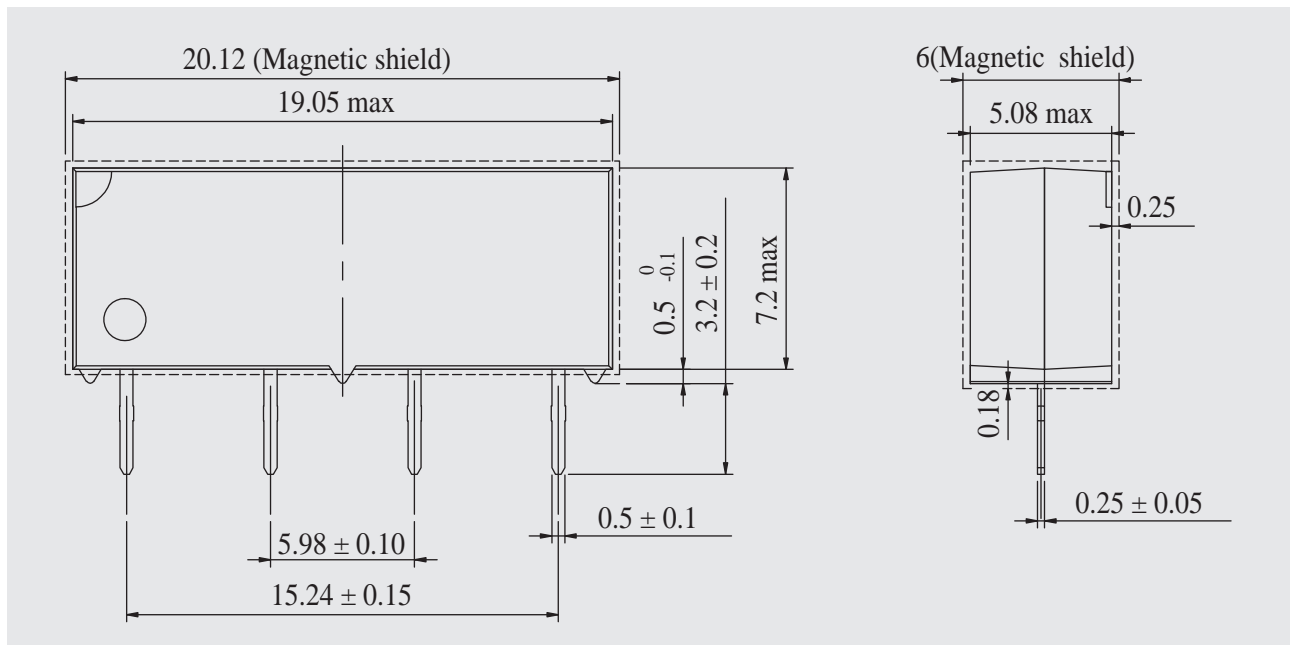
Part Number	SIW	SIWN
Contact Form	50W	
Max. Switching Power	1500VDC	500VDC
Max. Switching Voltage	2A	
Max. Switching Current	3A	



## Specification

Part Number	SIW	SIWN
Contact Resistance	100mΩ	
Operate Time (Incl.bounce)	2.0mS	1.2mS
Release Time	1.5mS	1.0mS
Insulation Resistance	Open Contacts 1x10 <sup>10</sup> Ω	
	Contacts to Coil 1x10 <sup>10</sup> Ω	
Dielectric Strength	Open Contacts 2000VDC	Open Contacts 1500VDC
	Contacts to Coil 1500VDC	Contacts to Coil 1500VDC
Capacitance(between open contacts)	0.3pF	
Vibration(10-55Hz)	10G	20G
Shock Resistance(11ms,1/2sin Wave)	30G	50G
Operating Temperature	-10°C ~+60°C	
Storage Temperature	-30°C ~+80°C	
Life Expectancy of Mechanical	1x10 <sup>9</sup> Operations	
Life Expectancy of Electrical	500VDC, 0.1A, 5x10 <sup>7</sup> Operations (R.L.)	

## Dimensions (Unit : mm)



## Wiring Diagrams (Bottom View)

