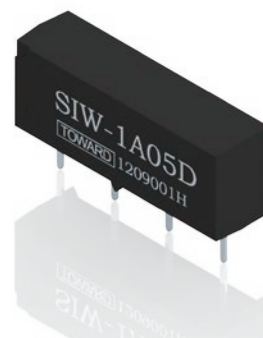


SIW Series

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

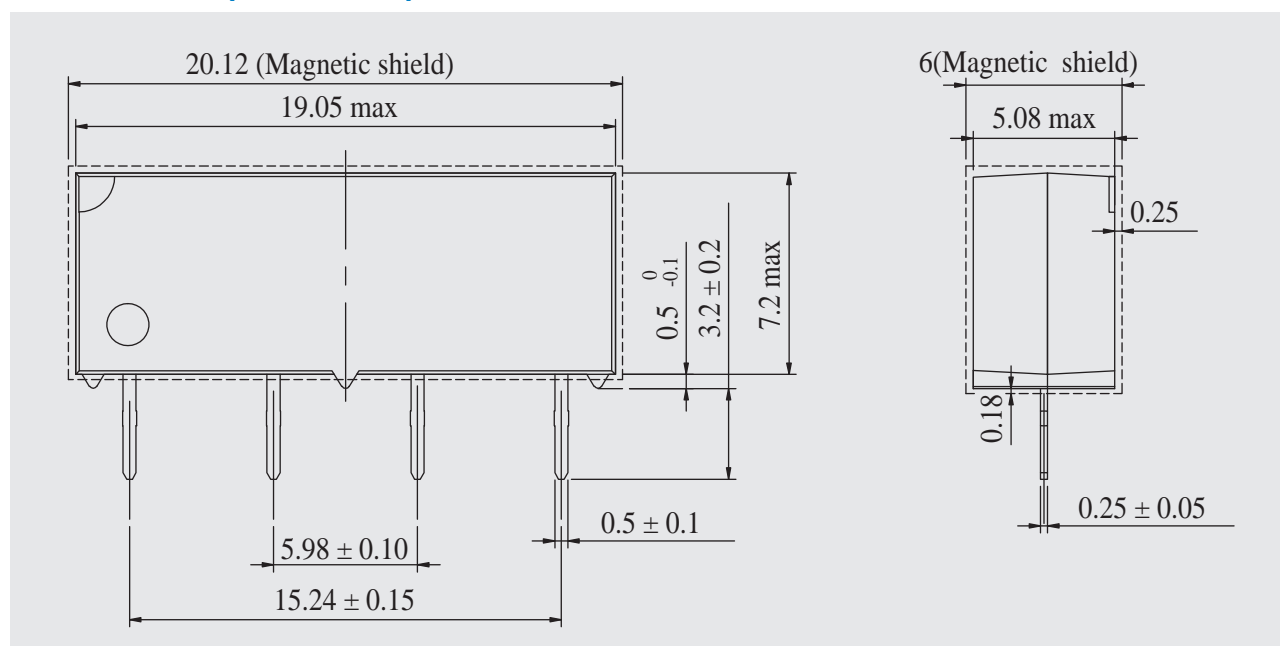
Part Number	SIW	SIWN
Contact Form	50W	
Max. Switching Power	1500VDC	500VDC
Max. Switching Voltage	2A	
Max. Switching Current	3A	



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 $1 \times 10^{10} \Omega$	
	Contacts to Coil $1 \times 10^{10} \Omega$	
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	$-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$	
Storage Temperature	$-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$	
Life Expectancy of Mechanical	1×10^9 Operations	
Life Expectancy of Electrical	500VDC, 0.1A, 5×10^7 Operations (R.L.)	

Dimensions (Unit : mm)



Wiring Diagrams (Bottom View)

