磁簧繼電器 Reed Relay

Features

- Epoxy molded, 4pin single-in-line packages.
- Can be immersed during board cleaning operations.
- High isolation between input and output.
- High density board mounting.
- Diode and Magnetic shield available.

Order Code

SIP - XX XX XX
a b c d

a: Relay Model

b: Contact Form: 1A: 1 Form A
1B: 1 Form B

c. Nominal Coil Voltage

d: Nil= Standard type
A=Electrostatic Shield
B=Diode
S=Magnetic Shield

Coil Data-Standard Type (at 20℃)

Nominal Voltage	Coil Resistance ± 10% ohm	Nominal Input Power	Max. Operate Voltage	Min. Release Voltage	Max. Allowable Voltage
5V	500	50mW	3.75	0.6	15
12V	1000	144mW	8.6	1.5	30
24V	2000	288mW	17.5	2.5	40

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

Nominal Voltage	Coil Resistance ± 10% ohm	Nominal Input Power	Max. Operate Voltage	Min. Release Voltage	Max. Allowable Voltage
5V	500	50mW	3.75	0.6	6
12V	1000	144mW	9	1	14.5
24V	2150	268mW	18	2	29

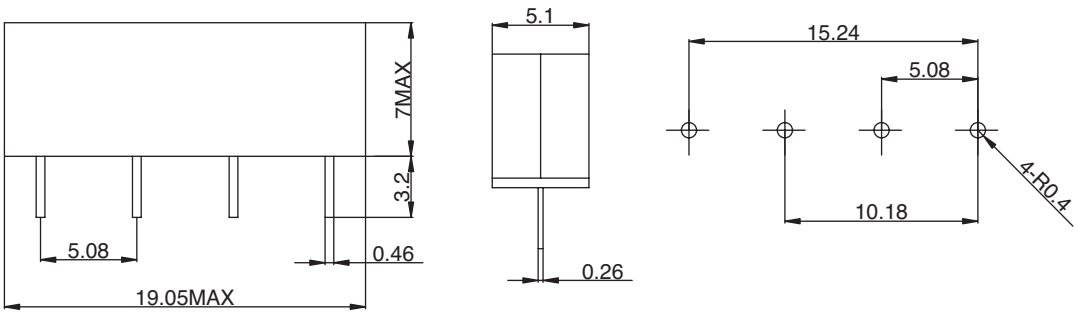
Contact Rating

Contact Form	1a, 1b
Max. Switching Power	10VA(W)
Max. Switching Voltage	100VDC or Pack AC
Max. Switching Current	0.5A
Max. Carry Current	1A

Specification

Contact Resistance	Max. 150m ohm
Operate Time	0.5mS
Release Time	0.5mS
Insulation Resistance	Min.1G ohm at 500VDC
Dielectric Strenghth	Between open contacts 250VDC Between coil & contacts 1400VDC
Capacitance (between open contacts)	1.0pf
Vibration	20g,10 ~ 2KHz
Shock Resistance	100g, 11ms, 1/2sin Wave
Operating Temperature	-40℃ ~ +85℃
Life Expectancy	200,000,000ops (12VDC, 10mA)

Dimensions (Unit: mm)



Wiring Diagrams (Bottom View)