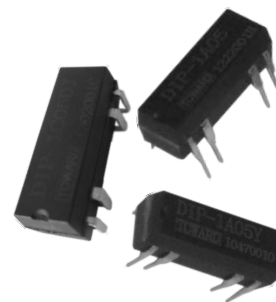


DIP & SMD Reed Relay

Features

- Epoxy molded, 14pin dual-in-line packages.
- Can be immersed during board cleaning operations.
- High isolation between input and output.
- High speed and low driving power.
- Diode and magnetic shield available.



Order Code

DIP-XX-XXXXXXX
a b c d e f g

a:Contact Form:1A=1 Form A, 1B=1 Form B, 1C=1 Form C

b:Nominal Coil Voltage:05=5V, 12=12V, 24=24V

c:Nil=Standard Type, D=Diode, S=Magnetic Shield,
N=Diode+Magnetic Shield

d:Nil=No Electrostatic Shield, E=Electrostatic Shield

e:Nil=Pin2 and Pin13 not connected, T=Pin2 and Pin13 connected

f:Nil=Standard Type, Y or C =ATE Grade

g:Nil=Standard Type, J=SMD J Model, G=SMD G Model

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

Nominal Voltage DC±10%[V]	Coil Resistance ±10% (ohm)	Nominal Input Power	Max. Operate Voltage (VDC)	Min. Release Voltage (VDC)	Max. Allowable Voltage (VDC)
5	500	50mW	3.75	0.6	10
12	1000	144mW	9	1	20
24	2150	268mW	18	2	32

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

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

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

Nominal Voltage DC±10%[V]	Coil Resistance ±10% (ohm)	Nominal Input Power	Max. Operate Voltage (VDC)	Min. Release Voltage (VDC)	Max. Allowable Voltage (VDC)
5	200	125mW	3.75	0.6	10
12	500	288mW	9	1	20
24	2000	288mW	18	2	28

Coil Data-Standard Type 2FormA (at 20℃)

Nominal Voltage DC±10%[V]	Coil Resistance ±10% (ohm)	Nominal Input Power	Max. Operate Voltage (VDC)	Min. Release Voltage (VDC)	Max. Allowable Voltage (VDC)
5	140	179mW	3.75	0.6	10
12	500	288mW	9	1	20
24	2150	268mW	18	2	32

Contact Rating

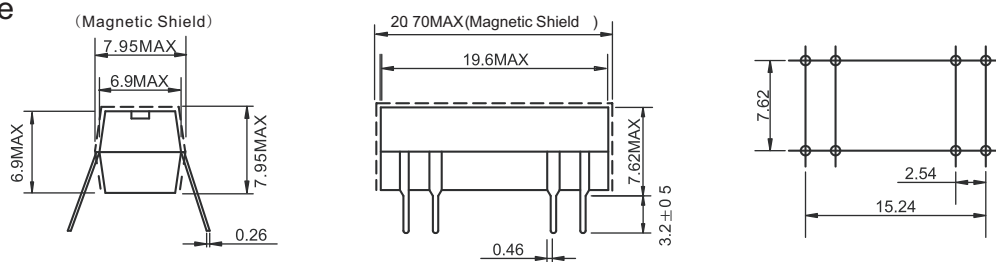
Contact Form	1FormA 2FormA	1FormB	1 Form C
Max. Switching Power	10W		3W
Max. Switching Voltage	100VDC or Peak AC		100VDC or Peak AC
Max. Switching Current	0.5A		0.2A
Max. Carry Current	1A		0.5A

Specification

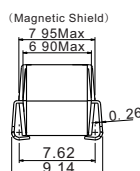
Contact Resistance	Max. 150mΩ		Max. 150mΩ
Operate Time (Incl. bounce)	1.0ms		1.5ms
Release Time	0.5ms		2.0ms
Insulation Resistance	1Gohm Min.(100VDC)		
Dielectric Strength	Between Open Contacts 200VDC		
	Between Coil to Contacts 1500VDC		
Capacitance (Between Open Contacts)	0. 5pF		1. 0pF
Vibration	20G (10~2KHz)		10G (10~2KHz)
Shock Resistance	30G (11ms, 1/2sin Wave)		30G (11ms, 1/2sin Wave)
Operating Temperature	-20℃ ~ +85℃		-20℃ ~ +85℃
Life Expectancy of Electrical	5x10 ⁷ ops (10VDC, 10mA)	1x10 ⁶ ops (5VDC, 100mA)	1x10 ⁷ ops (5VDC, 1mA)

Dimensions (Unit: mm)

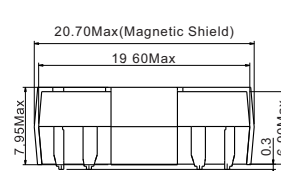
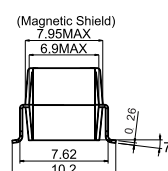
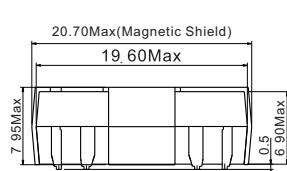
Standard Type



SMD J Model



SMD G Model



Wiring Diagrams (Top View)

