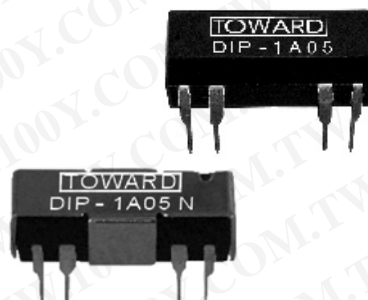


磁簧繼電器

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 lowdriving power.
- Diode and Magnetic shield available.
- UL recognized.



Order Code

DIP - XX XX X X
a b c d e

- a: Relay Model
- b: Contact Form: 1A=1 Form A , 1B=1 Form B , 1C=1 Form C , 2A=2Form A
- c: Nominal Coil Voltage
- d: Nil=Standard type: S=Electrostatic Shield, D=Diode, N=Magnetic Shield
- e: Special Code

Coil Data-Standard Type 1FormA (at 20°C)

Nominal Voltage(VDC)	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°C)

Nominal Voltage(VDC)	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°C)

Nominal Voltage(VDC)	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 2FormA (at 20°C)

Nominal Voltage(VDC)	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

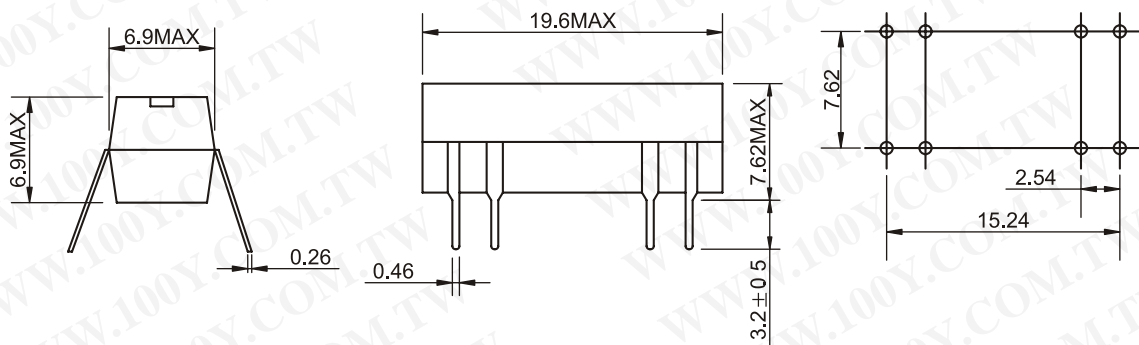
Contact Rating

Contact Form	1 Form A , 1 Form B , 2 Form A	1 Form C
Max. Switching Power	10VA(W)	3VA(W)
Max. Switching Voltage	100VDC or Peak AC	30VDC or Peak AC
Max. Switching Current	0.5A	0.2A
Max. Carry Current	1A	0.5A

Specification

Contact Resistance	Max. 150m ohm	Max. 150m ohm
Operate Time (Incl. bounce)	1.0ms	1.5ms
Release Time	0.5ms	2.0ms
Insulation Resistance	1G ohm Min. (100VDC)	1G ohm Min. (100VDC)
Dielectric Strength	Between Open Contacts 200VDC	Between Open Contacts 200VDC
	Between Coil to Contacts 1400VDC	Between Coil to Contacts 1400VDC
Capacitance (Between Open Contacts)	1.0pF	3pF
Vibration	20G (10~2KHz, 1.5mm)	10G (10~2KHz, 1.5mm)
Shock Resistance	30G (11ms, 1/2sin Wave)	30G (11ms, 1/2sin Wave)
Operating Temperature	-40°C ~ +85°C	-40°C ~ +85°C
Life Expectancy	1 X10 ⁸ ops (Ref 10VDC, 10mA)	5 X10 ⁷ ops (Ref 5VDC, 1mA)

Dimensions (Unit: mm)



Wiring Diagrams (Bottom View)

