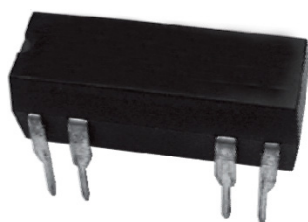
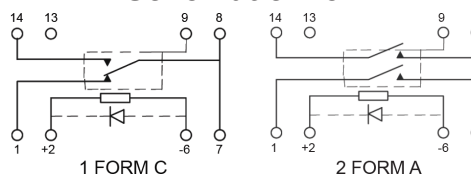


General Purpose DIP Reed Relay



Schematic View



RoHS
Compliant

Features

- Industry standard 14-Pin DIP Package
- High speed and low drive power
- Optional coil suppression diode

Contact Form: 1 Form C (SPDT) / 2 Form A (DPST-NO)

Coil Data

1 Form C

Nominal Coil Voltage	Nominal Coil Resistance	Max. Operating Voltage	Min. Release Voltage	Max. Coil Voltage
(V DC)	$\pm 10\% \Omega$	(V DC)	(V DC)	(V DC)
5	200	3.75	0.6	7

2 Form A

Nominal Coil Voltage	Nominal Coil Resistance	Max. Operating Voltage	Min. Release Voltage	Max. Coil Voltage
(V DC)	$\pm 10\% \Omega$	(V DC)	(V DC)	(V DC)
5	140	3.75	0.6	7
12	500	9	1	16
24	2150	18	2	32

Contact Rating

Contact Form	2 Form A	1 Form C
Switching Power (Max.)	10W	5W
Switching Voltage (Max.)	150V DC	100V DC
Switching Current (Max.)	0.5A	0.4A
Carrying Current (Max.)	1A	0.5A

Specifications

Contact Form	2 Form A	1 Form C
Contact Resistance(Initial) (Max.)	150m Ω	200m Ω
Operate Time (Including Bounce Time) - (Typ.)	0.5ms	1ms
Release Time - (Typ.)	0.5ms	1.5ms
Insulation Resistance @ 100V, 20°C, 40%RH (Min.)	10 ¹⁰ Ω	10 ⁹ Ω

www.element14.com
www.farnell.com
www.newark.com

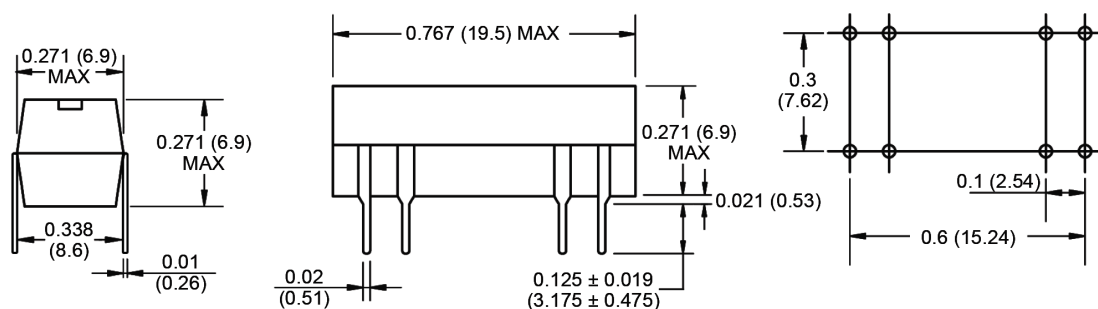


General Purpose DIP Reed Relay



Contact Form	2 Form A	1 Form C
Dielectric Strength (Min.)	Between Open Contacts 200V DC/peak AC Between Coil to Contacts & All Other Pins 1500V DC/peak AC	
Capacitance Between Open Contacts (Typ.)	0.5pF	1.5pF
Vibration	20G	
Shock	50G	
Operating Temperature	-20°C to +85°C	
Storage Temperature	-40°C to +100°C	
Life Expectancy @ Specified Load	250 × 10 ⁶ ops (1V DC, 10mA)	100 × 10 ⁶ ops (1V DC, 10mA)

Dimensions



Dimensions : Inches (Millimetres)

Part Number Table

Description	Part Number
Reed Relay, w/ Diode, SPDT, 5V DC, 200Ω, 100V DC, 0.4A, THT	MC3563-1231-053
Reed Relay, DPST-NO, 5V DC, 140Ω, 150V DC, 0.5A, THT	MC3572-1220-051
Reed Relay, w/ Diode, DPST-NO, 12V DC, 500Ω, 150V DC, 0.5A, THT	MC3572-1220-123
Reed Relay, DPST-NO, 24V DC, 2.15kΩ, 150V DC, 0.5A, THT	MC3572-1220-241

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