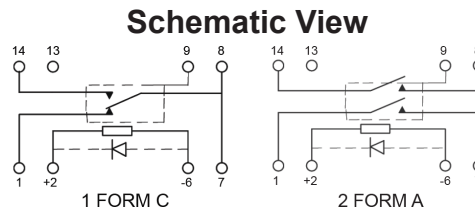
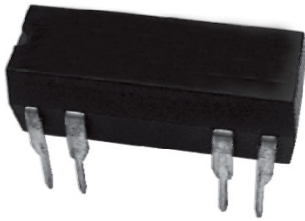


General Purpose DIP Reed Relay



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)	± 10% Ω	(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)	± 10% Ω	(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.)	150mΩ	200mΩ
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

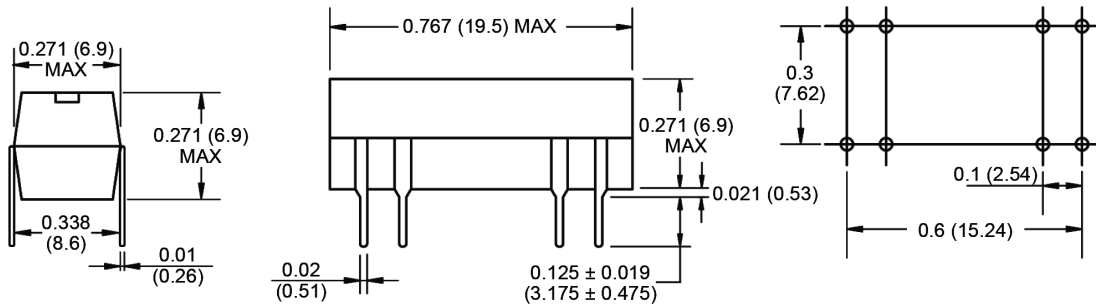


General Purpose DIP Reed Relay



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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell Limited 2016.

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

