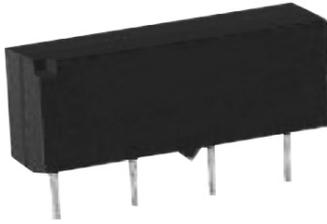
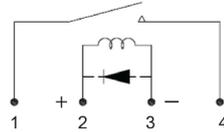


Instrumentation Grade SIP Reed Relay

RoHS
Compliant



Schematic View



Features

- High reliability instrumentation grade reed switch with sputtered Ruthenium contacts
- SIP 1 Form A – 10W dry reed relay
- Ideal for test and instrumentation applications
- High insulation resistance
- Molded thermoset industry standard package

Contact Form: Normally Open / 1 Form A

Coil Data

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	500	3.75	0.8	7

Contact Rating

Switching Power (Max.)	: 10W
Switching Voltage (Max.)	: 200V DC
Switching Current (Max.)	: 0.5A
Carrying Current (Max.)	: 1.5A

Specifications

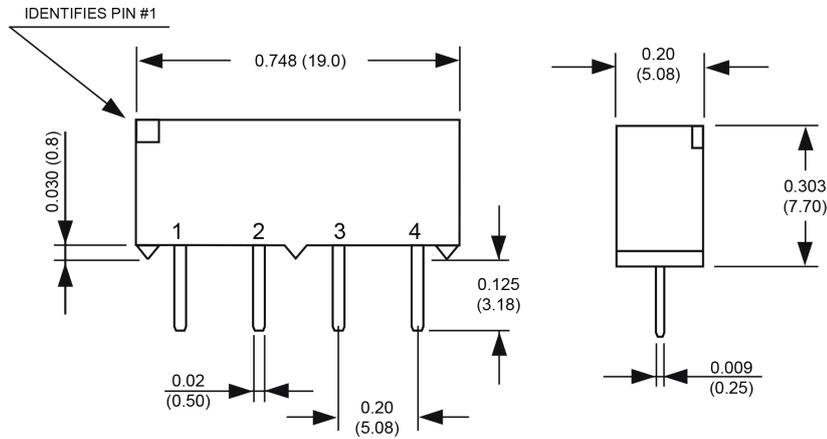
Contact Resistance (Initial) (Max.)	: 150m Ω
Operate Time - Including Bounce Time (Typ.)	: 0.35ms (@ Nominal Voltage)
Release Time (Typ.)	: 0.1ms
Insulation Resistance @ 100V, 20°C, 40% RH	: $10^{12}\Omega$ (Min.)
Dielectric Strength (Min.)	: Between Open Contacts 200V DC/peak AC Between Coil to Contacts 1500V DC/peak AC
Capacitance Between Open Contacts (Typ.)	: 0.5pF
Vibration	: 20G
Shock	: 50G
Operating Temperature	: -40°C to +85°C
Storage Temperature	: -40°C to +100°C
Life Expectancy @ Specified Load (Typ.)	: 100×10^6 ops (1V DC, 10mA)

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Instrumentation Grade SIP Reed Relay

Dimensions



Dimensions : Inches (Millimetres)

Part Number Table

Description	Part Number
Reed Relay, SPST-NO, 5V DC, 500Ω, 200V DC, 0.5A, THT	MC3570-1333-051

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