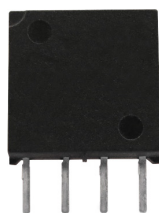
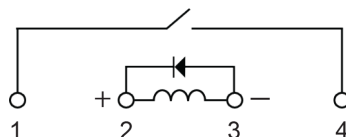


Instrumentation Grade Micro Mini SIP Reed Relay



Schematic View



RoHS
Compliant

Features

- High reliability instrumentation grade reed switch with sputtered Ruthenium contacts
- Internal magnetic shield reduces interaction
- Coil suppression diode protects coil drive circuits
- High insulation resistance
- High board density
- Molded thermoset industry standard package
- Hermetically sealed contacts for long life

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	0.4	7

Contact Rating

Switching Power (Max.)	: 15W
Switching Voltage (Max.)	: 200V DC
Switching Current (Max.)	: 0.5A
Carrying Current (Max.)	: 1A

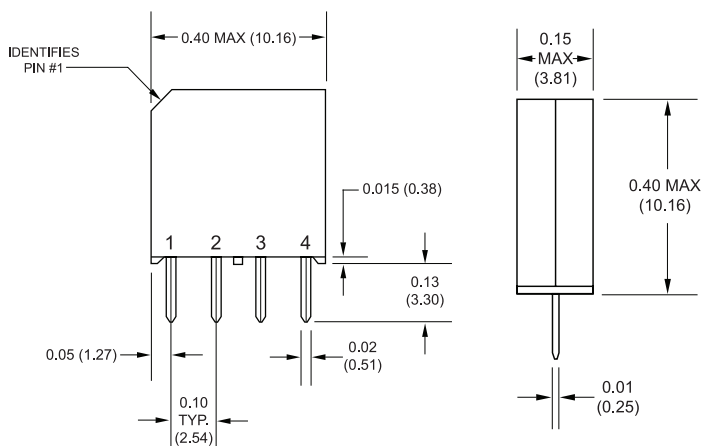
Specifications

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 Ω (Min.)
Dielectric Strength (Min.)	: Between Open Contacts 200V DC/peak AC Between Coil to Contacts 1500V DC/peak AC
Capacitance Between Open Contacts	: 0.5pF
Vibration	: 20G
Shock	: 50G
Operating Temperature	: -40°C to +85°C
Storage Temperature	: -40°C to +100°C
Life Expectancy @ Specified Load	: 1000 × 10 ⁶ ops (1V DC, 10mA)

Instrumentation Grade Micro Mini SIP Reed Relay



Dimensions



Dimensions : Inches (Millimetres)

Part Number Table

Description	Part Number
Reed Relay, w/ Diode, SPST-NO, 5V DC, 500Ω, 200V DC, 0.5A, THT	MC3570-1512-053

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