



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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MITI-3 Features and Benefits



Features

- Ultra-miniature normally open switch with 6.86mm x 1.82mm (0.27" x 0.072") glass envelope
- Capable of switching 100Vdc at up to 3 Watts
- 10¹² Ohms insulation resistance
- Available sensitivity range 7-15 AT

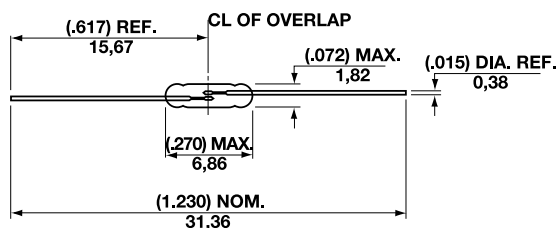
Benefits

- Hermetically sealed switch contacts are not effected by and have no effect on their external environment
- Low, stable contact resistance
- Very low space requirement
- Zero operating power required for contact closure
- Fit and forget durability

Applications

- Reed relays
- Security
- Metering
- Mobile phones

DIMENSIONS (in) mm



Switch Type	MITI-3
Contact Form	A

ELECTRICAL RATINGS

Contact Rating (1)		Watt - max.	3
Voltage	Switching	Vdc - max.	100
	Breakdown	Vdc - min.	170
Current	Switching	A - max.	0.25
	Carry	A - max.	0.5
Resistance	Contact, Initial	Ω - max.	0.15
	Insulation	Ω - min.	10 ¹²
Capacitance	Contact	pF - typ.	0.2
Temperature	Operating	°C	-40 to +100
	Storage (5)	°C	-65 to +125

OPERATING CHARACTERISTICS

Operate Time (2)		ms - max.	0.35
Release Time (2)		ms - max.	0.1
Shock	11ms ½ sine wave	G - max.	150
Vibration	50-2000 Hertz	G - max.	30
Resonant Frequency		Hz - typ.	16000

MAGNETIC CHARACTERISTICS

Pull-In Range (3)		Ampere Turns	7-15
Rating Sensitivity (4)		Ampere Turns	15
Test Coil			L4991

- Notes
- 1) Contact rating-Product of the switching voltage and current should never exceed the wattage rating.
Contact Hamlin for additional load/life information.
 - 2) Operate/Release Time-per EIA/N ARM RS421A, diode suppressed coil.
 - 3) Pull in Range-Contact Hamlin for tolerances available within this range.

- 4) Rating Sensitivity-The value at which contact ratings and operating characteristics are determined. Derating may be required below this value.
- 5) Storage Temperature-Long time exposure at elevated temperature may degrade solderability of the leads.

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