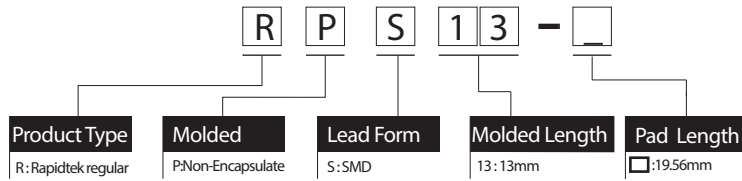


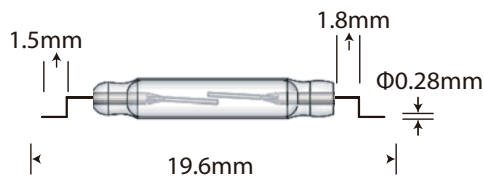
# MOLDED REED SWITCH

## PART NUMBER DESCRIPTION



## Lead Shape

Tolerance ± 0.1mm



## Features

- Sub-miniature normally open switch with 12.7mm x 1.8mm (0.500" x 0.071") glass envelope
- Capable of switching 200Vdc at up to 10 Watts
- 10<sup>12</sup> Ohms insulation resistance
- Available sensitivity range 10-25 AT
- Surface mount version available

## Electrical Characteristics

Contact Rating	Watt - max	10
Switching Voltage	Vdc - max	200 Vdc
Breakdown Voltage	Vdc - min	250 Vdc
Switching Current	A - max	0.5
Carry Current	A - max	0.8
Contact, Initial Resistance	Ω - max	0.100
Insulation Resistance	Ω - min	10 <sup>12</sup>
Contact Capacitance	pF - typ	0.3
Operating Temperature	°C	-40 to +125
Storage Temperature	°C	-65 to +125



**RAPIDTEK**  
**MOLDED REED SWITCH**

Rapidtek Magnetic Devices Inc.  
<http://www.rapidtek.net>  
 Tel : 02 - 8698 - 1068  
 Fax : 02 - 8698 - 1018

17F, No.75, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22101, Taiwan (R.O.C.)

# MOLDED REED SWITCH

## Operating Characteristics

Operate Time	ms - max	0.6
Release Time	ms - max	0.2
Shock (11ms ½ sine wave)	G - max	100
Vibration (50 - 2000 Hertz)	G - max	30
Resonant Frequency	Hz - typ	5500

## Magnetic Characteristics

Pull - In Range	Ampere Turns	10-25
Rating Sensitivity	Ampere Turns	20
Test Coil		L4989

## Application

- Reed relays (particularly suited to ATE type applications)
- Security
- Limit switching
- Telephone hook switch

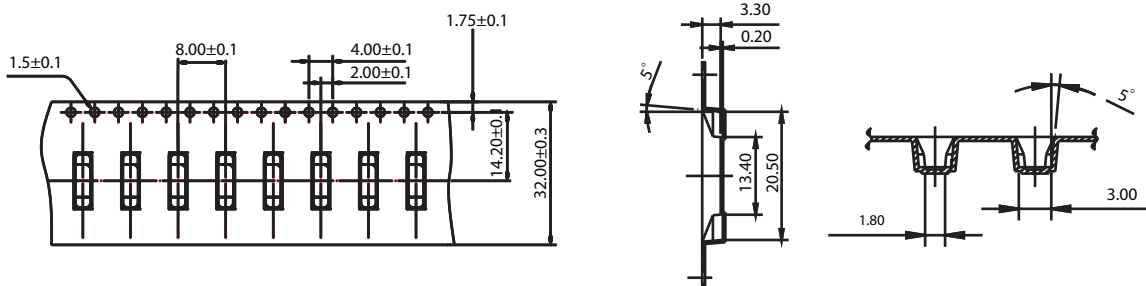
## Benefits

- Hermetically sealed switch contacts are not effected by and have no effect on their external environment
- Low, stable contact resistance
- Low space requirement
- Zero operating power required for contact
- Fit and forget durability
- Well suited to signal switching applications

## Packaging Dimensions

- Material : PS Black-Thickness :  $0.35 \pm 0.05$ mm
- Packing Length Per 22" Reel : 74 Meters(1:3)
- Component Load Per 13" Reel : 3000 Pcs

Unit : mm



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