



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!



## Contact us

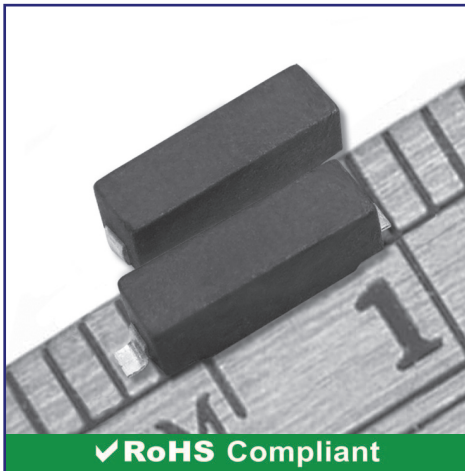
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# RI-80 SMDM Series Molded Dry Reed Switch



## RI-80 SMDM Series

The RI-80 SMDM is a Single-pole, Single-throw (SPST) dry reed switch, having normally open contacts, and two magnetically actuated reeds.

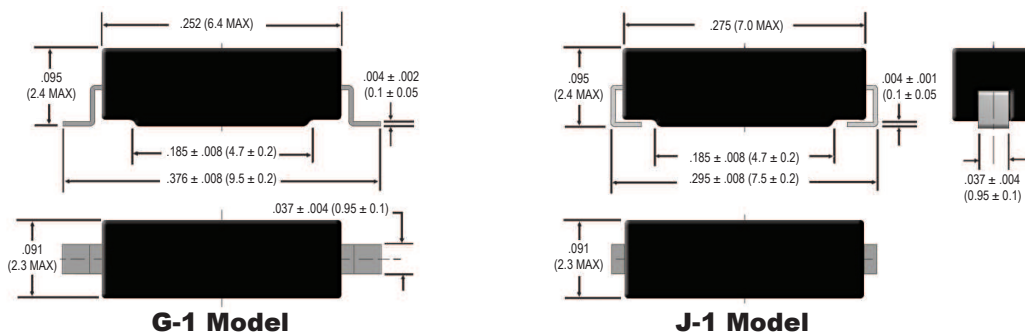
The switch is of the double-ended type and may be actuated by an electromagnet, a permanent magnet or a combination of both.

The RI-80 SMDM is available in Gull wing and J-Bend lead configurations.

## RI-80 SMDM Series Features

- Ideal for proximity sensors & medical applications
- Contact layers: gold, sputtered ruthenium
- 5 Watt rating
- Tape & reel packaging

## Dimensions for RI-80 SMDM Series *All Dimension in inches (mm) nominal*



## Technical Specifications

Parameters	Units	RI-80 SMDM
<b>Operating Characteristics</b>		
Operate Range	AT	5-15*
Release Range	AT	2-13*
<b>Electrical Characteristics</b>		
Switched Power (max)	W	5
Switched Voltage DC (max)	V	175
Switched Voltage AC, RMS value (max)	V	140
Switched Current DC (max)	mA	350
Switched Current AC, RMS value (max)	mA	250
Carry Current DC (max)	A	0.5
Breakdown Voltage DC (min)	V	230**
Contact Resistance (initial max.)	mΩ	160
Contact Resistance (initial typ.)	mΩ	140
Insulation Resistance (min)	MΩ	10 <sup>6</sup>
<b>Environmental Ratings</b>		
Storage Temperature	°C	-40 to +125
Operating Temperature	°C	-40 to +125
Vibration Resistance	G	10
Shock Resistance	G	100

NOTES: \* AT values are based on full length, measured using Philips Standard Coil (PSC).

\*\* 230V for AT>10, 175V for AT<10

