

**Part Number: RI-02-90 Series**  
**Housed SMD Reed Switch**  
**Product Data Sheet**



## PICTURE

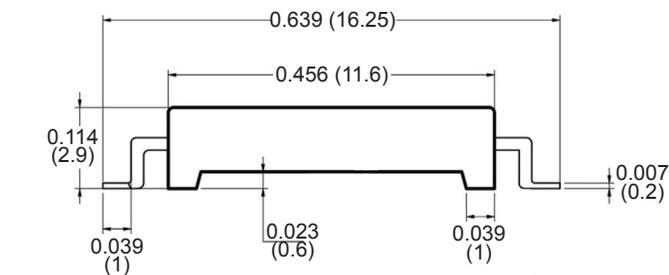


✓ RoHS Compliant

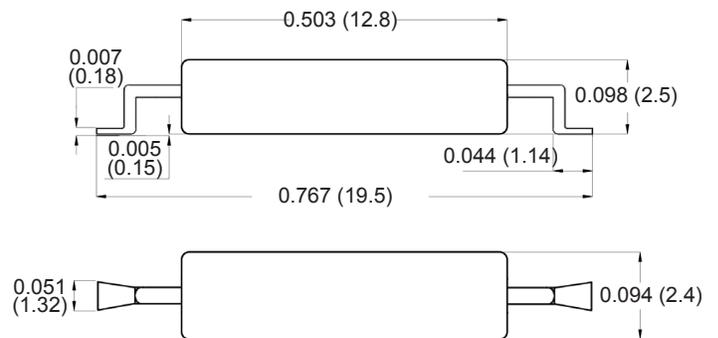
## FEATURES

- Commercial Grade
- Housed dry reed switch
- Single-pole, single throw (SPST) type
- Normally open ruthenium contacts
- Double-ended type and may be actuated with an electromagnet, a permanent magnet or a combination of both.
- Designed for SMD mounting

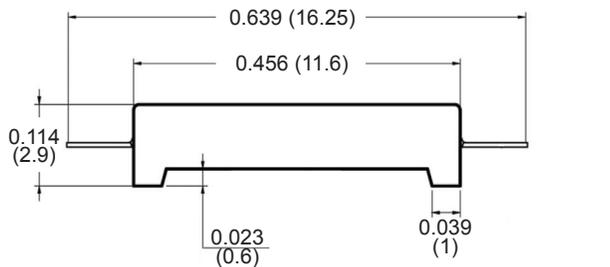
## DIMENSIONS



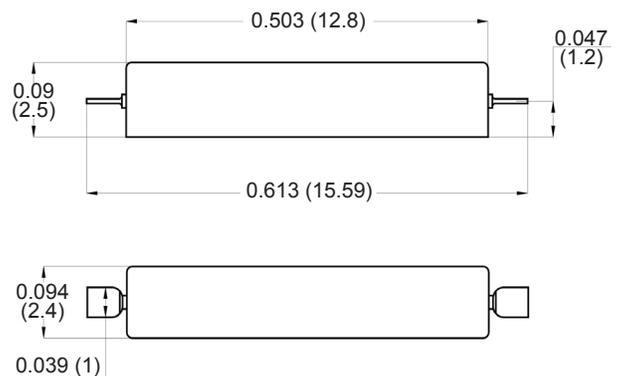
**RI-02-90 SMD**



**RI-02-91 SMD**



**RI-02-80 Axial**



**RI-02-81 Axial**

Drawings not to scale.  
 All dimensions in inches (mm) nominal.

As part of the company policy of continued product improvement, specifications may change without notice. Our sales office will be pleased to help you with the latest information on this product range and the details of our full design and manufacturing service. All products are supplied to our standard conditions of sale unless otherwise agreed in writing.

**Phone: (1) 973 777 6900**

**www.comus-intl.com**

**Fax: (1) 973 777 8405**

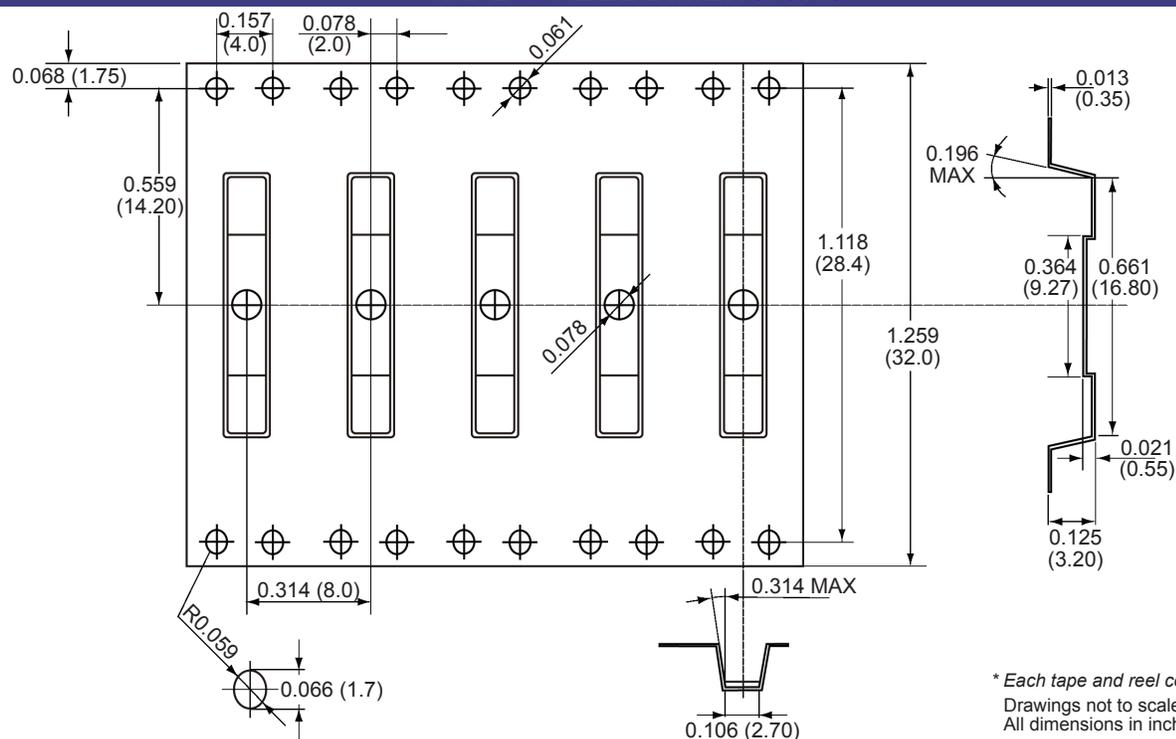
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## SPECIFICATION

Operate Range		8 - 13 AT
Operate Time - including Bounce	Typ.	0.30 ms
Bounce Time	Typ.	0.10 ms
Release Time	Max	70 $\mu$ s
Resonant Frequency	Typ.	10800 Hz
Switched Power	Max	10 VA
Switched Voltage DC	Max	200 V
Switched Current DC	Max	500 mA
Carry Current	Max	0.5 A
Breakdown Voltage	Min	200 - 230 V
Contact Resistance	Initial Max	150 m $\Omega$
Contact Resistance	Initial Typ.	120 m $\Omega$
Contact Capacitance	Max	0.3 pF
Insulation Resistance	Min	10 <sup>6</sup> M $\Omega$
Operating Temperature	$^{\circ}$ C	-40 to + 125
Storage Temperature	$^{\circ}$ C	-40 to + 125
Surface Mount Component Processing Temperature	$^{\circ}$ C	250 $^{\circ}$ MAX for 1 Minute

## TAPE & REEL DIMENSIONS



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