

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

PICTURE

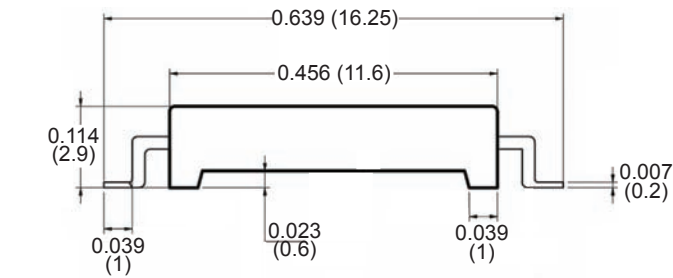


✓ RoHS Compliant

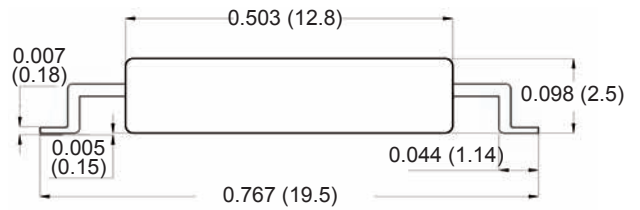
FEATURES

- 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

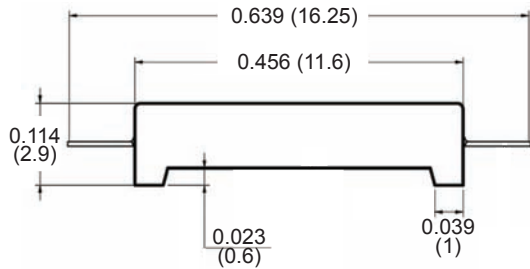
DIMENSIONS



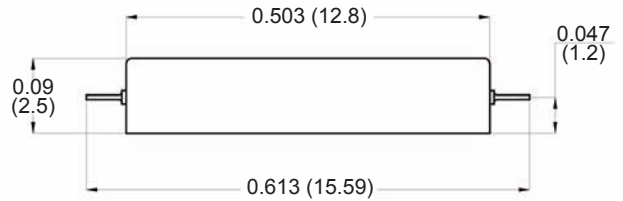
RI-02-90 SMD



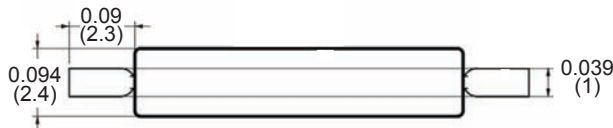
RI-02-91 SMD



RI-02-80 Axial



RI-02-81 Axial



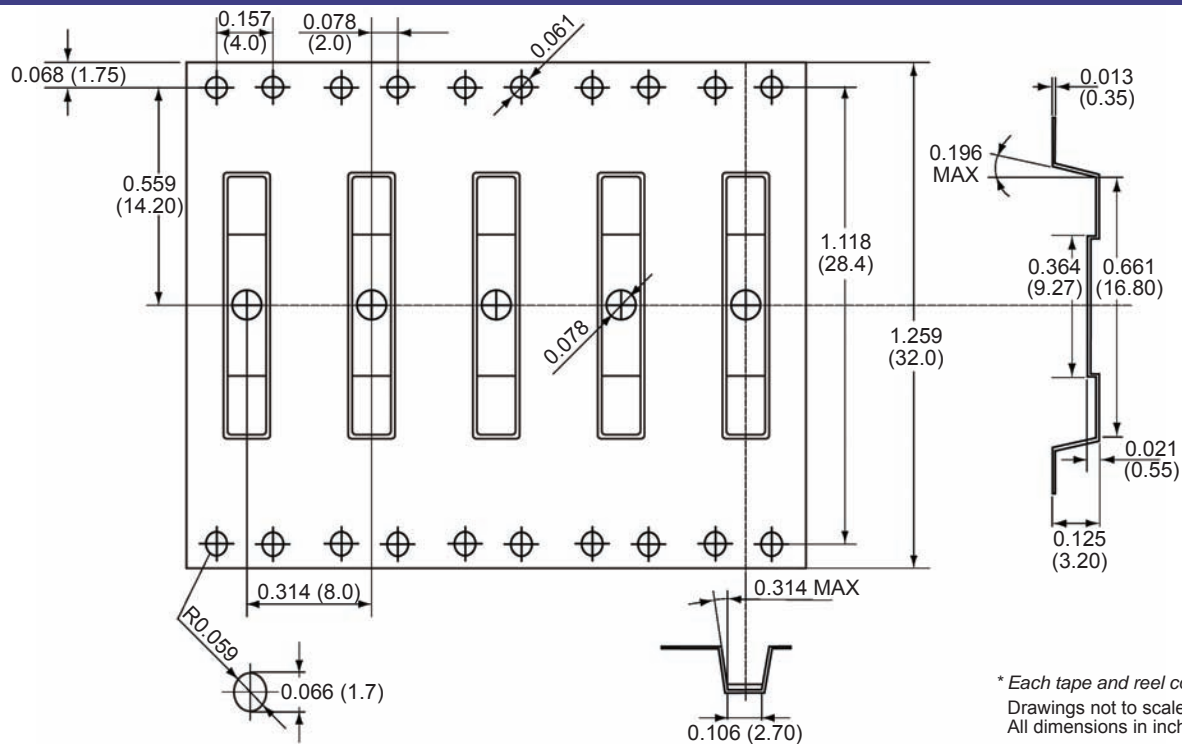
Drawings not to scale.
All dimensions in inches (mm) nominal.

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.

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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 μ 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 Ω |
| Contact Resistance | Initial Typ. | 120 m Ω |
| Contact Capacitance | Max | 0.3 pF |
| Insulation Resistance | Min | 10 ⁶ M Ω |
| 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



* Each tape and reel contains 2,500 pieces.
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