



### Features

- Miniature changeover switch with 14.73mm x 2.54mm (0.580" x 0.100") glass envelope
- Capable of switching 175Vdc at up to 5 Watts
- Minimum voltage breakdown 200 Vdc
- $10^9$  Ohms insulation resistance
- Available sensitivity range 15-30 AT

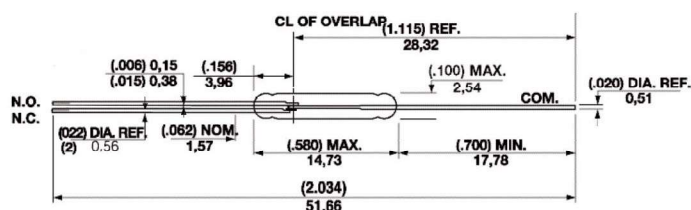
### Benefits

- Hermetically sealed switch contacts are not effected by and have no effect on their external environment
- Can be used as changeover or normally closed contact
- Low, stable contact resistance
- Low space requirement
- Zero operating power required for contact closure
- Fit and forget durability

### Applications

- Reed relays
- Limit switching
- Telecoms applications
- Office equipment
- Automotive applications

## DIMENSIONS (in) mm



|  |   |
|--|---|
| Switch Type  |   |
| Contact Form   | C |
| Underwriters Laboratories Recognised, File E47258 (see note 1) |   |

### ELECTRICAL RATINGS

|                    |                  |                    |             |
|--------------------|------------------|--------------------|-------------|
| Contact Rating (2) |                  | Watt - max.        | 5           |
| Voltage            | Switching        | Vdc - max.         | 175         |
|                    | Breakdown        | Vdc - min.         | 200         |
| Current            | Switching        | A - max.           | 0.25        |
|                    | Carry            | A - max.           | 1.5         |
| Resistance         | Contact, Initial | $\Omega$ - max.    | 0.100       |
|                    | Insulation       | $\Omega$ - min.    | $10^9$      |
| Capacitance        | Contact          | pF - typ.          | 1.0         |
| Temperature        | Operating        | $^{\circ}\text{C}$ | -40 to +    |
|                    | Storage (6)      | $^{\circ}\text{C}$ | -65 to +125 |

### OPERATING CHARACTERISTICS

|                    |                              |           |       |
|--------------------|------------------------------|-----------|-------|
| Operate Time (3)   |                              | ms - max. | 0.7   |
| Release Time (3)   |                              | ms - max. | 1.0   |
| Shock              | 11ms $\frac{1}{2}$ sine wave | G - max.  | 50    |
| Vibration          | 50-2000 Hertz                | G - max.  | 30    |
| Resonant Frequency |                              | Hz - typ. | 11000 |

### MAGNETIC CHARACTERISTICS

|                        |  |              |       |
|------------------------|--|--------------|-------|
| Pull-In Range (4)      |  | Ampere Turns | 10-20 |
| Rating Sensitivity (5) |  | Ampere Turns | 15    |
| Test Coil              |  |              | L4989 |