

cosmo

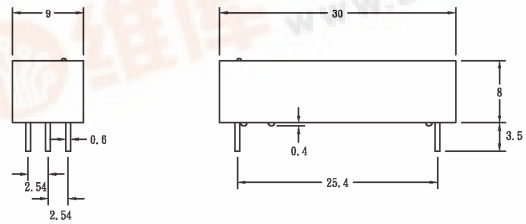
Reed Relay

V1C241000

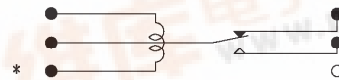
## Features

1. Fully encapsulated.
2. Metal case for magnetic shield.
3. Pin layout in international standards metric pitch.

## Outside Dimension:Unit (mm)

TOLERANCE :  $\pm 0.1\text{mm}$ 

## Schematic:Top View



## Coil Ratings

(AT 20°C)

| Parameter                  | Rating | Unit                    |
|----------------------------|--------|-------------------------|
| Coil Resistance            | 2150   | $\Omega$ ( $\pm 10\%$ ) |
| Nominal Coil Voltage       | 24     | VDC                     |
| Maximun Continuous Voltage | 28     | VDC                     |
| Must Operate               | 18     | VDC                     |
| Must Release               | 2.0    | VDC                     |
| Rated Current              | 11.1   | mA                      |

## Electrical Characteristics

| Parameter                                 | Rating          | Unit             |
|-------------------------------------------|-----------------|------------------|
| Contact Resistance                        | 150             | m $\Omega$ (max) |
| Operate Time                              | 1.0             | ms(max)          |
| Bounce Time                               | 2.0             | ms(max)          |
| Release Time                              | 1.0             | ms(max)          |
| Insulation Resistance (100VDC)            | $10^9$          | $\Omega$ (min)   |
| Power                                     | 3               | VA(max)          |
| Switching Voltage                         | 100             | VDC(max)         |
| Switching Current                         | 0.25            | A(max)           |
| Carry Current                             | 0.5             | A(max)           |
| Breakdown Voltage ( Across Open Contact ) | 200             | VDC(min)         |
| ( Between Coil & Contact )                | 1500            | VDC(min)         |
| Life Expectancy (Signal Level)            | $5 \times 10^7$ |                  |
| Operating Temp                            | -40 to 85       | °C               |
| Storage Temp                              | -40 to 125      | °C               |
| Resonant Frequency                        | 3.5             | KHZ              |
| Vibration ( 10-2000HZ )                   | 20              | g(max)           |
| Minimun Permissible Load                  | 100             | mVDC 10uA        |