



**19.0×15.2×15.5(mm)**

#### 特性

15A 触点切换能力, 超小型、标准印制板引出脚

具有一组常开、一组转换触点形式

塑封型与防焊剂型可供选择

#### Features

15A switching capability, Subminiature, standard PCB layout

1 Form A and 1 Form C configurations

Wash tight and flux proofed types available

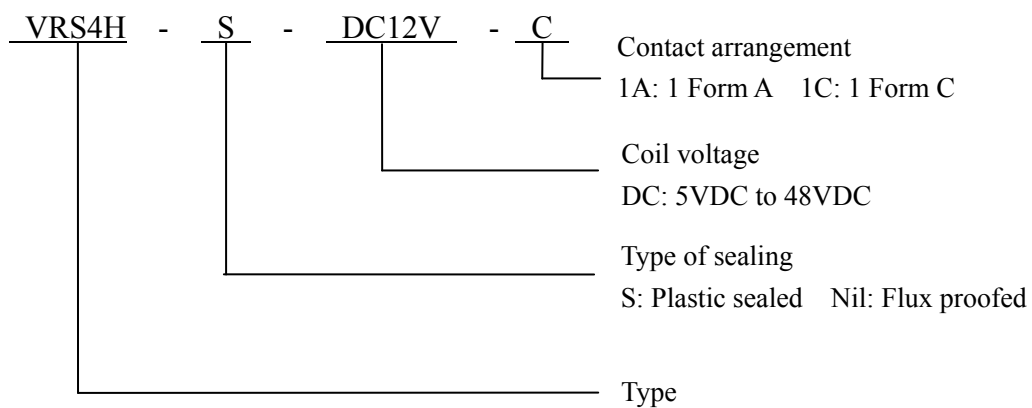
| 触点参数 Contact Ratings                                         |                                                                         |
|--------------------------------------------------------------|-------------------------------------------------------------------------|
| 接触形式<br>Contact Form                                         | 1A 1C                                                                   |
| 触点材料<br>Contact Material                                     | AgSnO <sub>2</sub> , AgCdO                                              |
| 接触电阻<br>Contact Resistance                                   | 100mΩ(1A 6VDC)                                                          |
| 触点负载(阻性)<br>Contact Load (resistive load)                    | 10A 277VAC/28VDC                                                        |
| 最大切换电压<br>Max.Switching Voltage                              | 227VAC/30VDC                                                            |
| 最大额定切换电流(阻性)<br>Max.Rated Switching Current (Resistive Load) | 15A                                                                     |
| 最大切换功率<br>Max.Switching Power                                | 2770VA/210W                                                             |
| 机械耐久性 min<br>Mechanical Endurance min                        | 1×10 <sup>7</sup> ops                                                   |
| 电耐久性 min<br>Electrical Endurance min                         | 1×10 <sup>5</sup> ops (7A 250VAC)<br>5×10 <sup>4</sup> ops (10A 250VAC) |

| 线圈参数 Coil Rating        |                         |                                  |                      | 23℃                     |
|-------------------------|-------------------------|----------------------------------|----------------------|-------------------------|
| 额定线圈功率 Rated Coil Power |                         | 5~24VDC: 360mW      48VDC: 510mW |                      |                         |
| 额定电压<br>Rated Voltage   | 动作电压<br>Operate Voltage | 释放电压<br>Release Voltage          | 最大电压<br>Max. Voltage | 线圈电阻<br>Coil Resistance |
| 5VDC                    | 3.8VDC                  | 0.5VDC                           | 6.5VDC               | 70× (1±10%) Ω           |
| 6VDC                    | 4.5VDC                  | 0.6VDC                           | 7.8VDC               | 100× (1±10%) Ω          |
| 9VDC                    | 6.8VDC                  | 0.9VDC                           | 11.7VDC              | 225× (1±10%) Ω          |
| 12VDC                   | 9.0VDC                  | 1.2VDC                           | 15.6VDC              | 400× (1±10%) Ω          |
| 18VDC                   | 13.5VDC                 | 1.8VDC                           | 23.4VDC              | 900× (1±10%) Ω          |
| 24VDC                   | 18.0VDC                 | 2.4VDC                           | 31.2VDC              | 1600× (1±10%) Ω         |
| 48VDC                   | 36.0VDC                 | 4.8VDC                           | 62.4VDC              | 4500× (1±10%) Ω         |

| 性能参数 Specifications                                |                                      |                                  |
|----------------------------------------------------|--------------------------------------|----------------------------------|
| 绝缘电阻<br>Insulation Resistance                      |                                      | 100MΩ(500VDC)                    |
| 介质耐压<br>Dielectric Strength                        | 触点与线圈间<br>Between coils and contacts | 1500VAC 1min                     |
|                                                    | 断开触点间<br>Between open contacts       | 750VAC 1min                      |
| 动作时间（额定电压下）<br>Operate Time (Below Rated Voltage ) |                                      | ≤10ms                            |
| 释放时间（额定电压下）<br>Release Time (Below Rated Voltage ) |                                      | ≤5ms                             |
| 冲击 Shock                                           | 稳定性 Stability                        | 98m/s <sup>2</sup>               |
|                                                    | 强度 Strength                          | 980m/s <sup>2</sup>              |
| 振动 Vibration                                       |                                      | 10Hz~55Hz 1.5mm double-amplitude |
| 湿度 Humidity                                        |                                      | 35%~85%RH                        |
| 环境温度 Ambient Temperature                           |                                      | -40 ℃ to 85℃                     |
| 重量 Weight                                          |                                      | About 10g                        |
| 引出端方式 Terminal Type                                |                                      | PCB                              |

备注：以上值均为初始值。 Note: the above values are the initial value.

## 订货标记示例    **Ordering Code**



## OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

Unit: mm

VRS4H-1C

