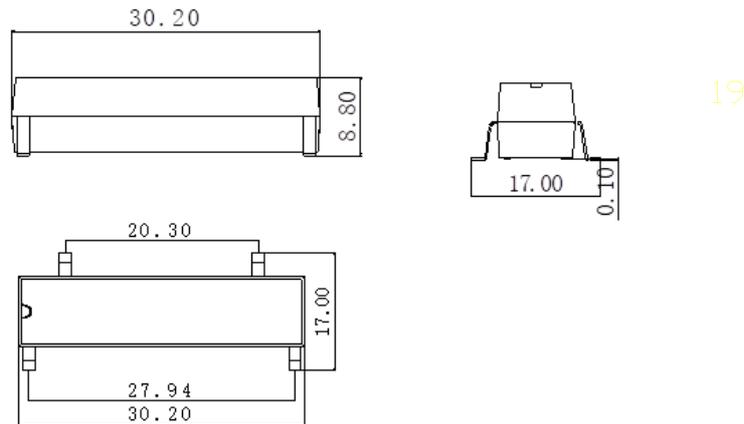


HVR1A05-SMD

- Hermetically sealed for long life
- Low Contact Resistance
- Excellent Lifetime Characteristics
- Custom Design Available

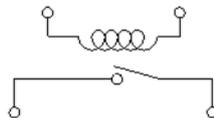
[Outline Dimension]

Unit: mm Scale: 1/1

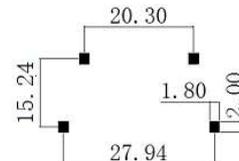


[Pin Layout]

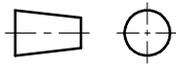
[Wiring diagram]



[PCB Layout Top View]



| Coil Parameters | | Relay Parameters | |
|--------------------------|---------------|--------------------------------------|------------------|
| 1 Nominal coil voltage | 5 VDC | 1 Min Breakdown Voltage | 4K VDC |
| 2 Max Operating voltage | 8 VDC | 2 Dielectric Strength coil/contact | 7K VDC |
| 3 Max Pull-in voltage | 3.75 VDC | 3 Insulation Resistance coil/contact | 1.00E+12ohm |
| 4 Min Drop-out voltage | 0.5 VDC | 4 Operate Time, incl. Bounce | 1.0ms |
| 5 Coil Resistance | 180 ohm | 5 Reset Time | 0.1ms |
| Contact Parameters | | 6 Capacitance Across Contacts | 0.6pF |
| 1 Contact Form | 1 Form A | 7 Storage Temperature | -40~+125°C |
| 2 Max Contact Rating | 100 W | 8 Operating Temperature | -40~+100°C |
| 3 Max Switch Voltage | 1KVAC/1.5KVDC | 9 Soldering Temperature | 5 sec. max 260°C |
| 4 Max Switch Current | 1.0 A | | |
| 5 Max Carrying Current | 2.5 A | | |
| 6 Min Breakdown Voltage | 4K VDC | | |
| 7 Max Contact Resistance | 150 mohm | | |

| | | | | |
|-------------|-------------|-----------------|----------------------------------|---|
| Version: 02 | Designed by | | TITLE High Voltage Reed Relay |  |
| | Checked by | | | |
| | Approved by | | P/N | Scale: 1:1 |
| | Date | 25th, Sep, 2024 | HVR1A05-SMD | Page: 1/1 |