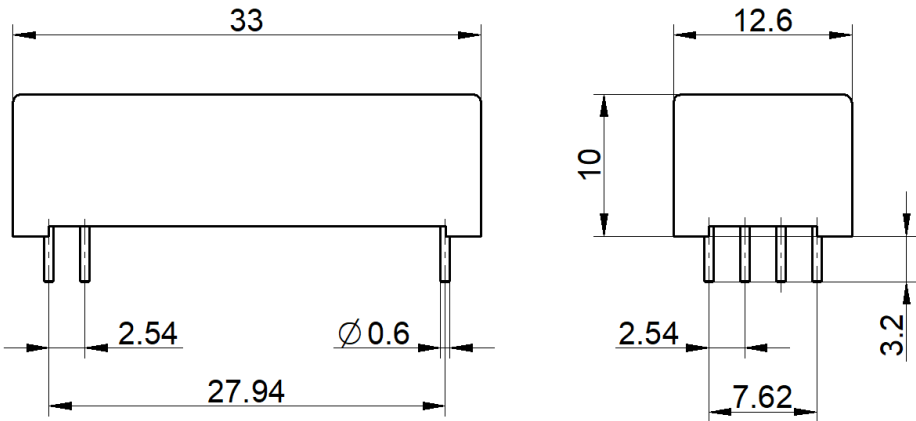


# HVR05-2A03-05

- High Voltage Reed Relay
- Low Contact Resistance
- Breakdown up to 3KV
- Excellent Lifetime Characteristics
- Custom Design Available

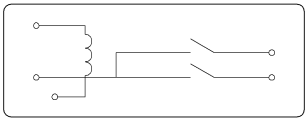
[Outline Dimension]

Unit: mm      Scale: 1/1



[Pin Layout]

[Top View]



Order Information

HVR05-2A03-05

| Coil      Parameters     |               | Relay Parameters                     |                |
|--------------------------|---------------|--------------------------------------|----------------|
| 1 Nominal coil voltage   | 5 VDC         | 1 Min Breakdown Voltage              | 3K VDC         |
| 2 Max Operating voltage  | 7 VDC         | 2 Dielectric Strength coil/contact   | 2K VDC         |
| 3 Max Pull-in voltage    | 4 VDC         | 3 Insulation Resistance coil/contact | 1.00E+12ohm    |
| 4 Min Drop-out voltage   | 0.5 VDC       | 4 Operate Time, incl. Bounce         | 1.1ms          |
| 5 Coil Resistance        | 70 ohm        | 5 Reset Time                         | 0.2ms          |
| Contact Parameters       |               | 6 Capacitance Across Contacts        | 0.4pF          |
| 1 Contact Form           | 2 Form A      | 7 Storage Temperature                | -35~+105℃      |
| 2 Max Contact Rating     | 100 W         | 8 Operating Temperature              | -20~+70℃       |
| 3 Max Switch Voltage     | 1KV ACpeak/DC | 9 Soldering Temperature              | 5 sec.max 260℃ |
| 4 Max Switch Current     | 1.0 A         |                                      |                |
| 5 Max Carrying Current   | 2.5 A         |                                      |                |
| 6 Min Breakdown Voltage  | 3K VDC        |                                      |                |
| 7 Max Contact Resistance | 50 mohm       |                                      |                |

Version: 01

Designed by

Checked by

Approved by

Date

26th,Sept,2022

TITLE

High Voltage Reed Relay

P/N

HVR05-2A03-05



Scale: 1:1

Page: 1/1