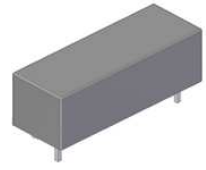


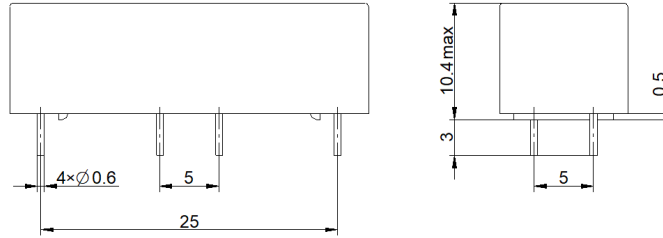
HVR1A12-02

- High Voltage Reed Relay
- Low Contact Resistance
- Breakdown up to 4KV
- Excellent Lifetime Characteristics
- Custom Design Available

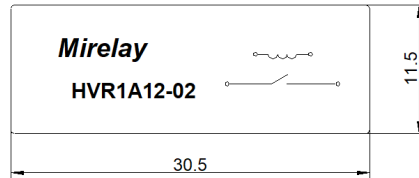


[Outline Dimension]

Unit: mm Scale: 1/1

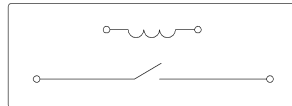


19



[Pin Layout]

[Top View]



Order Information

HVR1A12-02

| Coil Parameters | | Relay Parameters | |
|--------------------------|---------------|--------------------------------------|------------------|
| 1 Nominal coil voltage | 12 VDC | 1 Min Breakdown Voltage | 4.2K VDC |
| 2 Max Operating voltage | 16 VDC | 2 Dielectric Strength coil/contact | 7K VDC |
| 3 Max Pull-in voltage | 9 VDC | 3 Insulation Resistance coil/contact | 1.00E+12ohm |
| 4 Min Drop-out voltage | 1 VDC | 4 Operate Time, incl. Bounce | 1.0ms |
| 5 Coil Resistance | 380 ohm | 5 Reset Time | 0.1ms |
| Contact Parameters | | 6 Capacitance Across Contacts | 0.4pF |
| 1 Contact Form | 1 Form A | 7 Storage Temperature | -35~+105°C |
| 2 Max Contact Rating | 100 W | 8 Operating Temperature | -20~+70°C |
| 3 Max Switch Voltage | 1KV ACpeak/DC | 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

Checked by

Approved by

Date

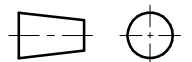
24th, Jul, 2024

TITLE

High Voltage Reed Relay

P/N

HVR1A12-02



Scale: 1:1

Page: 1/1