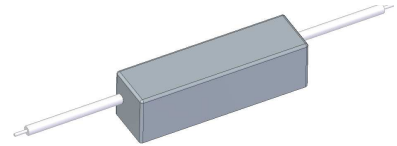


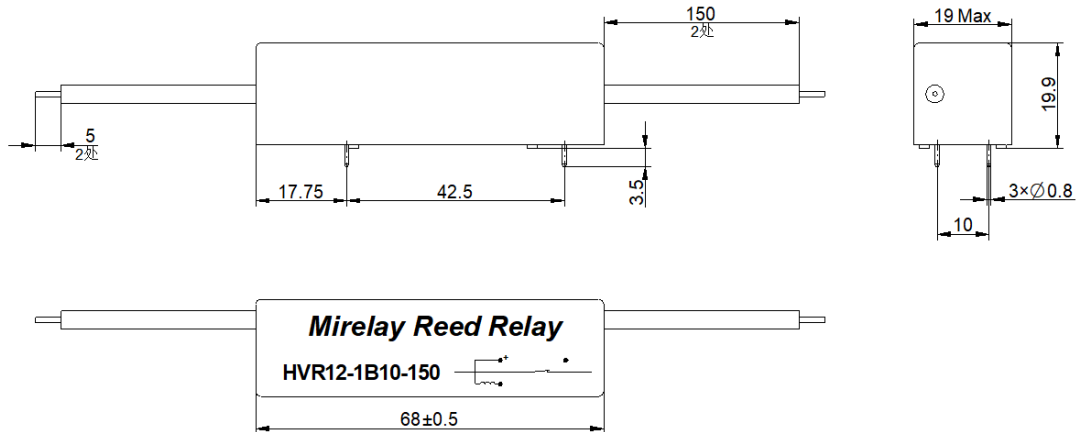
# HVR12-1B10-150

- High Voltage Reed Relay
- Low Contact Resistance
- Breakdown up to 10KV
- Excellent Lifetime Characteristics
- Custom Design Available



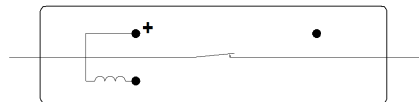
## [Outline Dimension]

Unit: mm Scale: 1/1



## [Pin Layout]

## [Top View]



## Order Information

HVR12-1B10-150

| Coil Parameters          |                 | Relay Parameters                     |                  |
|--------------------------|-----------------|--------------------------------------|------------------|
| 1 Nominal coil voltage   | 12 VDC          | 1 Min Breakdown Voltage              | 10K VDC          |
| 2 Max Operating voltage  | 16 VDC          | 2 Dielectric Strength coil/contact   | 15K 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         | 3.0ms            |
| 5 Coil Resistance        | 200 ohm         | 5 Reset Time                         | 1.5ms            |
| Contact Parameters       |                 | 6 Capacitance Across Contacts        | 0.8pF            |
| 1 Contact Form           | 1 Form B        | 7 Storage Temperature                | -35~+105°C       |
| 2 Max Contact Rating     | 50 W            | 8 Operating Temperature              | -20~+70°C        |
| 3 Max Switch Voltage     | 7.5KV ACpeak/DC | 9 Soldering Temperature              | 5 sec. max 260°C |
| 4 Max Switch Current     | 3.0 A           |                                      |                  |
| 5 Max Carrying Current   | 5.0 A           |                                      |                  |
| 6 Min Breakdown Voltage  | 10K VDC         |                                      |                  |
| 7 Max Contact Resistance | 150 mohm        |                                      |                  |

Version: 01

Designed by

Checked by

Approved by

Date

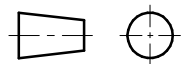
27th, Dec, 2021

TITLE

High Voltage Reed Relay

P/N

HVR12-1B10-150



Scale: 1:1

Page: 1/1