

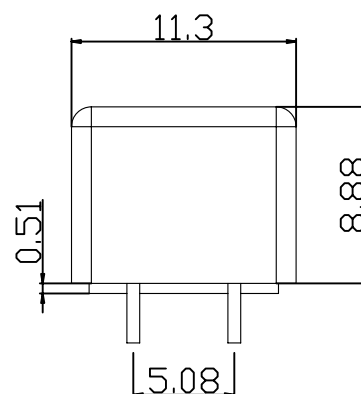
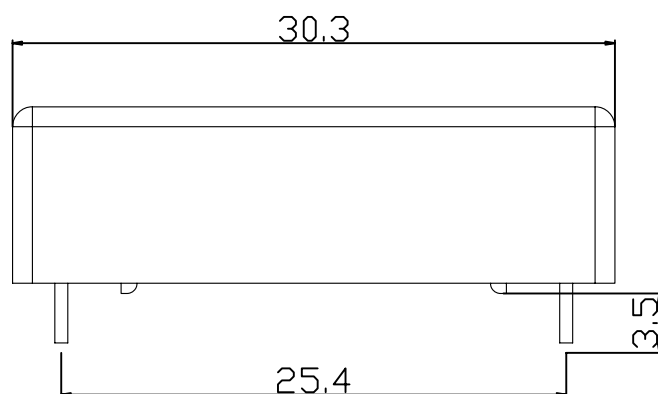
## HVR1A12-HG

- Mercury Wetted Reed Relay
- Coil Voltage 12V
- Breakdown up to 3KV

Misensor Tech (Shanghai) Co., Ltd  
 Add: No.25 Hangming Road Hangtou Town,  
 Pudong new district, Shanghai  
 TEL: 021- 60976200 FAX: 021-60976212  
[Http://www.Misensor.cn](http://www.Misensor.cn)

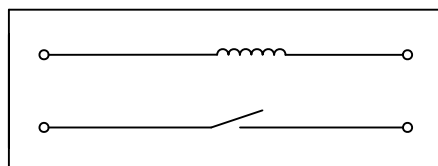
[Outline Dimension]

Unit: mm



[Pin Layout]

[Top View]



[Marking]

Misensor Reed Relay

HVR1A12-HG



| Coil Parameters          |      |             | Relay Parameters                     |                |
|--------------------------|------|-------------|--------------------------------------|----------------|
| 1 Nominal coil voltage   | 12   | VDC         | 1 Min Breakdown Voltage              | 3000 VDC       |
| 2 Max Operating voltage  | 16   | VDC         | 2 Dielectric Strength coil/contact   | 3000 VDC       |
| 3 Max Pull-in voltage    | 9.0  | VDC         | 3 Insulation Resistance coil/contact | 1.00E+10ohm    |
| 4 Min Drop-out voltage   | 1.0  | VDC         | 4 Operate Time                       | 2.0ms          |
| 5 Coil Resistance        | 620  | ohm         | 5 Reset Time                         | 1.5ms          |
| Contact Parameters       |      |             | 6 Capacitance Across Contacts        | 0.3pF          |
| 1 Max Contact Rating     | 50   | W           | 7 Storage Temperature                | -35~+105℃      |
| 2 Max Switch Voltage     | 1000 | VACpeak/VDC | 8 Operating Temperature              | -20~+70 ℃      |
| 3 Max Switch Current     | 2.0  | A           | 9 Soldering Temperature              | 5 sec.max 260℃ |
| 4 Max Carrying Current   | 3.0  | A           |                                      |                |
| 5 Min Breakdown Voltage  | 3000 | VDC         |                                      |                |
| 6 Max Contact Resistance | 50   | mohm        |                                      |                |

Version: 01

Designed by

Checked by

Approved by

Date

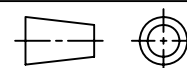
2013-05-30

TITLE

Misensor Reed Relay

P/N

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