

## HVR12-1A15-06

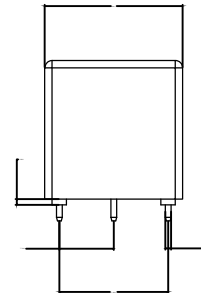
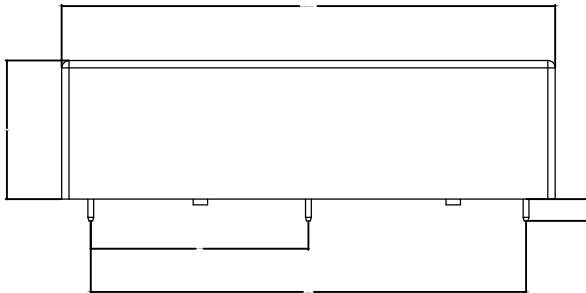
- High Voltage Reed Relay
- Coil Voltage 12V
- Breakdown up to 15KV

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[Outline Dimension]

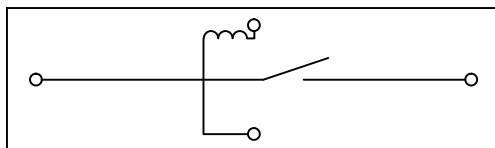
Unit: mm

Scale: 1/1



[Pin Layout]

[Top View]



Order Information

HVR12-1A15-06

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

|             |             |                |                                  |                                                                                                                                                                             |
|-------------|-------------|----------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version: 01 | Designed by |                | TITLE<br>High Voltage Reed Relay |   |
|             | Checked by  |                |                                  |                                                                                                                                                                             |
|             | Approved by |                | P/N<br>HVR12-1A15-06             | Scale: 1:1                                                                                                                                                                  |
|             | Date        | 5th, Oct, 2010 |                                  | Page: 1/1                                                                                                                                                                   |