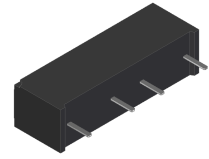


# SIP-HV1A12D

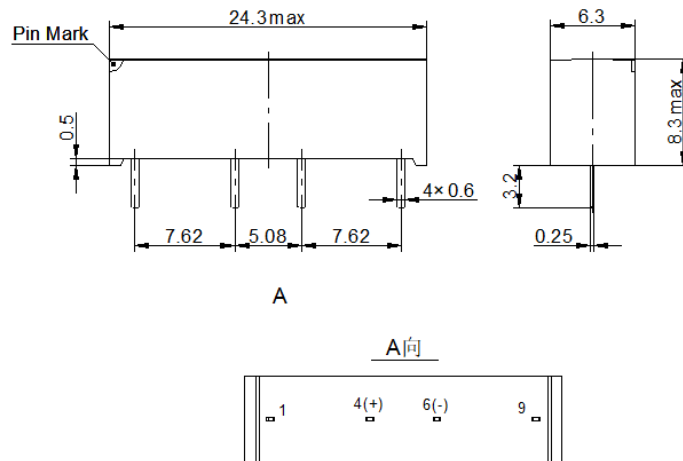
- High Voltage Reed Relay
- Low Contact Resistance
- Breakdown up to 4KV
- Excellent Lifetime Characteristics
- Custom Design Available



## [Outline Dimension]

Unit: mm

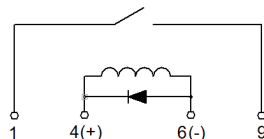
Scale: 1/1



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## [Pin Layout]

## [Wiring diagram]



## Order Information

SIP-HV1A12D

| Coil Parameters          |               | Relay Parameters                     |                  |
|--------------------------|---------------|--------------------------------------|------------------|
| 1 Nominal coil voltage   | 12 VDC        | 1 Min Breakdown Voltage              | 4K VDC           |
| 2 Max Operating voltage  | 35 VDC        | 2 Dielectric Strength coil/contact   | 4K VDC           |
| 3 Max Pull-in voltage    | 9 VDC         | 3 Insulation Resistance coil/contact | 1.00E+12ohm      |
| 4 Min Drop-out voltage   | 1.2 VDC       | 4 Operate Time, incl. Bounce         | 1.0ms            |
| 5 Coil Resistance        | 500 ohm       | 5 Reset Time                         | 0.25ms           |
| Contact Parameters       |               | 6 Capacitance Across Contacts        | 1.0pF            |
| 1 Contact Form           | 1 Form A      | 7 Storage Temperature                | -40~+105°C       |
| 2 Max Contact Rating     | 100 W         | 8 Operating Temperature              | -40~+85°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

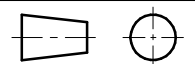
18th,Jul,2024

TITLE

High Voltage Reed Relay

P/N

SIP-HV1A12D



Scale: 1:1

Page: 1/1