

# HVR12-1A10-04 Product Datasheet

Rebuilt engineering datasheet using server-side original source files where available. The old source contact information is not reused; current website/contact information is shown in header and footer.

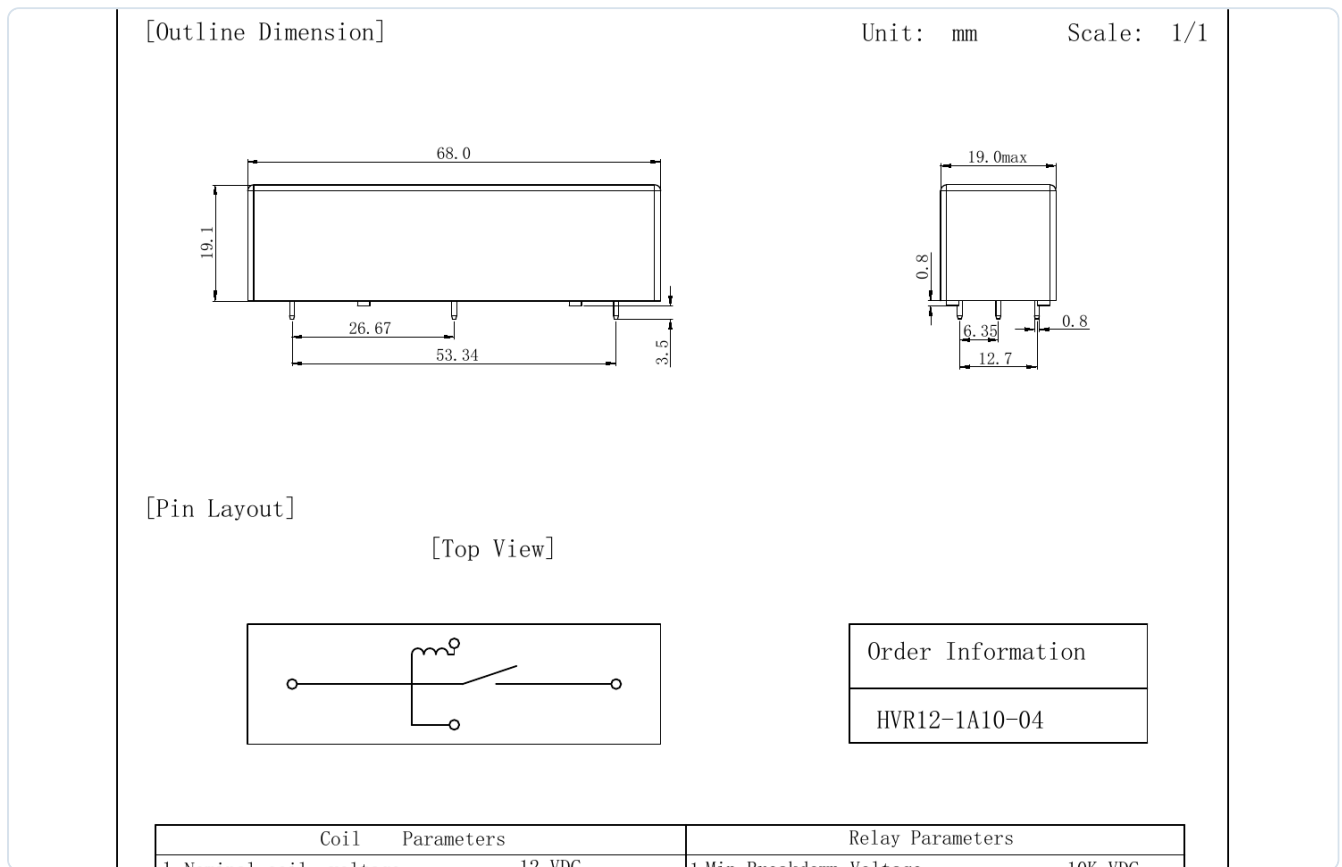
## Source validation

Source: HVR12-1A10-04.pdf

Original PDF/Image embedded as dimension reference

Original source used as screenshot/data reference; contact header/footer replaced with current Reed Relay website information.

## Mechanical dimensions / source drawing screenshot



Screenshot is cropped from the original server-side file to show dimensional/specification drawing while avoiding obsolete contact headers. Confirm the final signed drawing before PCB, busbar, mounting-hole or tooling release.

## Clear selection method

Step	How to select
1. Coil voltage	Digits such as 05/12/24 indicate nominal coil/input voltage when present.
2. Contact form	1A/1B/1C/2A/3A/4A define contact form and channel count.
3. Voltage/contact class	Numeric class and family prefix indicate high-voltage or mercury-wetted relay capability; confirm switching voltage/current from the source table.

## RFQ checklist

- Exact target model or competitor part number
- Switching/carry current, voltage, load type and duty cycle
- Coil/control voltage and suppression requirements
- Mounting space, PCB/busbar/cable constraints and operating temperature
- Sample quantity, annual forecast and any drawing/customer specification

4. Package/pin option

Suffix such as -04, -06, -150, -P\*, -H or module code defines lead, shield, pin/package or customer option; use the drawing before PCB release.

## Extracted useful source specifications

### Original source text excerpts

High Voltage Reed Relay | Pudong new district, Shanghai

[Outline Dimension] | Unit: | mm | Scale: | 1/1

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 | 200ohm | 5 Reset Time | 1.5ms

Contact Parameters | 6 Capacitance Across Contacts | 0.8pF

1 Max Contact Rating | 50 W | 7 Storage | Temperature | -35 ~

2 Max Switch Voltage | 7.5K VDC | 8 | -20~

3 Max Switch Current | 3.0 A | 9 Soldering Temperature

4 Max Carrying Current | 5.0 A

5 Min Breakdown Voltage | 10K VDC

6 Max Contact Resistance | 150 mohm

Version: 01 | Checked by | High Voltage Reed Relay

Text excerpts are taken from the original source file after removing obsolete contact lines. If a value is unclear in OCR/text extraction, rely on the embedded source drawing and request confirmation.

**Production notice:** This rebuilt datasheet is for RFQ and preliminary selection. For high-voltage, mercury-wetted, EV/ESS/PV, medical, safety-critical or customer-specific applications, final signed MiRelay drawings and validation are required.