HVR12-1A10-04 High Voltage Reed Relay Datasheet

MiRelay model-level engineering reference for RFQ, cross-reference review and preliminary design-in. Company: SHR AUTOSENSOR TECH LIMITED. Website: www.reed-relay.com. Email: sales@reed-relay.com. Phone/WhatsApp: +86 137 6157 1029.

Product image is representative. Marking, terminal details and accessories can vary by exact option and customer drawing.

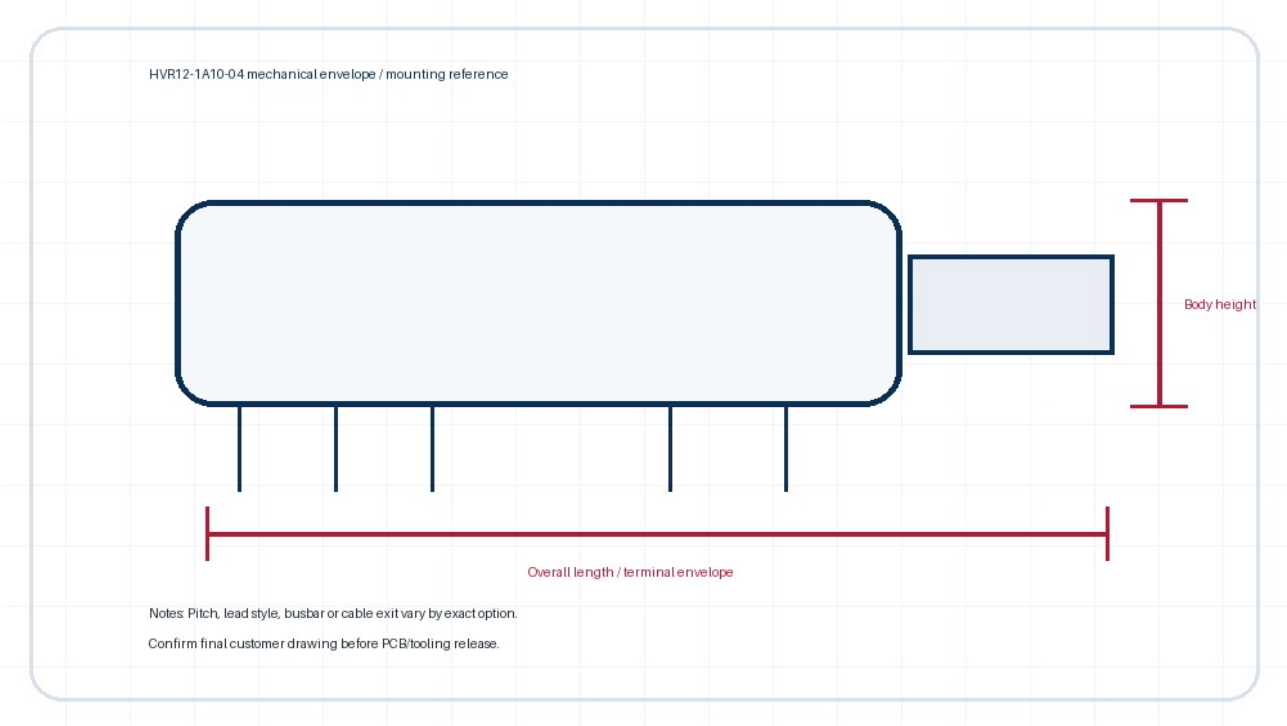
Key selection parameters

Parameter	Engineering note
Voltage class	4 kV to 20 kV family options
Contact form	1A / 1B / 1C / 2A and module variants
Coil voltage	5 / 12 / 24 VDC common options
Applications	Hipot, cable test, insulation monitoring, medical/industrial HV switching

Ordering code interpretation

Code block	Meaning
HVR	High voltage reed relay family
12	Coil voltage in VDC
1A	Contact form / pole count
10	Voltage class reference, e.g. 10 = 10 kV family
04	Package, lead, shield or mounting option

Mechanical envelope and drawing guidance



This drawing is an engineering envelope illustration prepared for selection and RFQ discussions. Use the final signed MiRelay drawing for PCB layout, mounting holes, busbar design, wire/cable exit, creepage/clearance and tooling release.

RFQ / design-in checklist

Breakdown and isolation marginLoad type: resistive, capacitive or pulseCreepage/clearance and PCB layoutCoil suppression and drive circuitFinal drawing and safety validation

Required information for quotation

Please send target model or competitor part number, electrical ratings, load type, coil/control voltage, package limits, environmental requirements, sample quantity and annual forecast to sales@reed-relay.com. Attach drawings or PCB constraints when available.

Important notice

Preliminary engineering document. Specifications are derived from MiRelay family references and local product assets; they are not a substitute for final approval drawings, signed datasheets, customer validation or safety certification review. Mercury-wetted, high-voltage, medical, EV and PV applications require application-specific validation.