

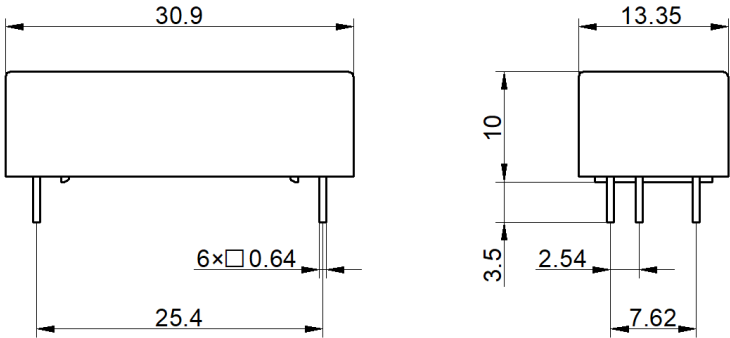
HVR05-2A04-02

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

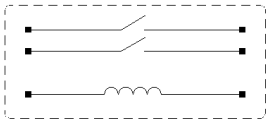


Outline Dimension

Unit: mm DIM Tolerance: ±0.3



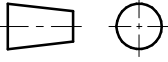
Layout[Top View]



Marking



Coil Parameters (at 20℃)							
Nominal Coil Voltage		Nominal Current		Coil Resistance	Max Pull-in Voltage	Min Drop-out Voltage	
5 VDC		42 mA		120±10% Ω	4 VDC	0.5 VDC	
Contact Parameters							
Contact Form		2 Form A		Max Contact Rating		100 W	
Max Switch Voltage		1 kVDC		Max Switch Current		1.0 A	
Max Carrying Current		2.5 A		Min Breakdown Voltage		4 kVDC	
Max Contact Resistance		150 mΩ		Life Expectancy (Electrical) (at 500 VDC 100mA)		5×10 ⁷ ops	
Electrical Specifications							
Dielectric Strength (Static,min)	Open contacts	4 kVDC	Insulation Resistance (min./typ.) Rh<45%, 100V Test Voltage		Open contacts	1×10 ¹² Ω	
	Contact to coil	4 kVDC			Contact to coil	1×10 ¹² Ω	
Operate Time,incl.Bounce		1.0 ms		Capacitance	Across Open Switch		0.5 pF
Reset Time		0.1 ms					
Environmental data							
Vibration (10 to 2KHz 1.5mm)		20 G		Shock (1/2 sine wave duration 11ms)		50 G	
Operating Temperature		-20℃ ~ 70℃		Storage Temperature		-35℃ ~ 105℃	
Soldering Temperature (5 sec. dwell)		260℃		Washability		fully sealed	
Example of order marking							
Product model	Nominal Coil Voltage	—	Contact form	Breakdown Voltage	—	Pin Out	Special code
HVR	05: 5 VDC		2A: 2 Form A	04: 4 kVDC		02	

Remark: RoHS	Make	Li Linmao	TITLE High Voltage Reed Relay P/N HVR05-2A04-02	 Version: 04 Page: 1/1
	Checke	Hu Shu		
	Approved	Dong Hu		
	Date	8th,Jan,2025		