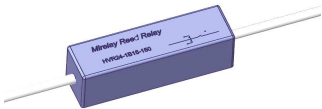


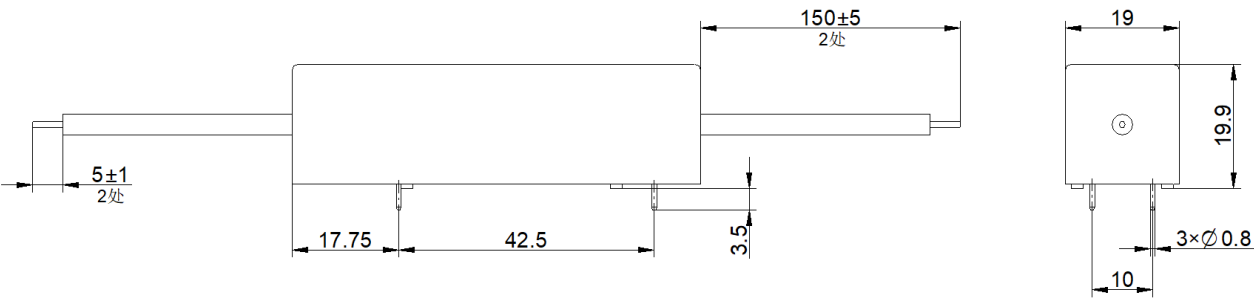
HVR24-1B15-150

- High Voltage Reed Relay
- Low Contact Resistance
- Breakdown up to 15 kVDC
- Excellent Lifetime Characteristics
- Custom Design Available

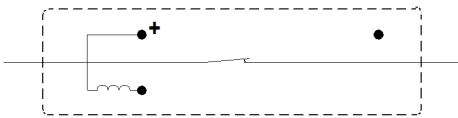


Outline Dimension

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				
24 VDC		40 mA		600±10% Ω		18 VDC		2 VDC		
Contact Parameters										
Contact Form		1 Form B			Max Contact Rating		50 W			
Max Switch Voltage		10 kVDC			Max Switch Current		3.0 A			
Max Carrying Current		5.0 A			Min Breakdown Voltage		15 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		15 kVDC		Insulation Resistance (min./typ.) Rh<45%, 100V Test Voltage		Open contacts		1×10 ¹² Ω	
	Contact to coil		15 kVDC				Contact to coil		1×10 ¹² Ω	
Operate Time,incl.Bounce			2.0 ms		Capacitance		Across Open Switch		1.0 pF	
Reset Time			2.0 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	24: 24 VDC		—	1B: 1 Form B	15: 15 kVDC		—	150		

Remark: RoHS	Make	Li Linmao	TITLE High Voltage Reed Relay P/N HVR24-1B15-150	 Version: 04 Page: 1/1
	Checke	Hu Shu		
	Approved	Dong Hu		
	Date	30th,Dec,2024		