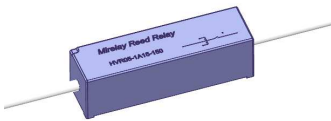


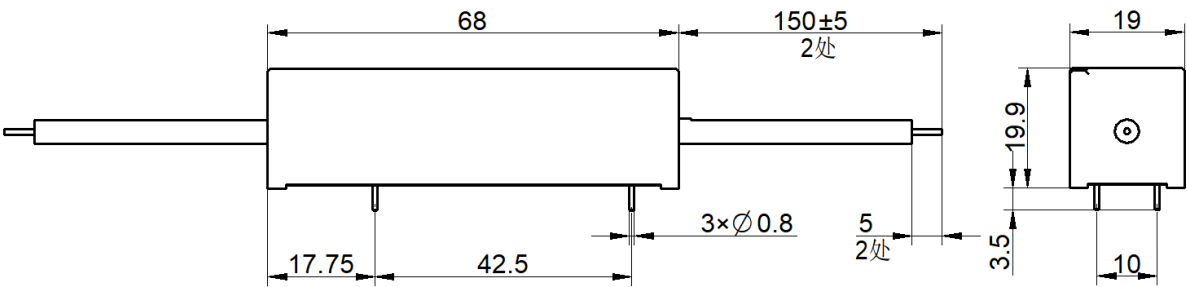
HVR05-1A15-150

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

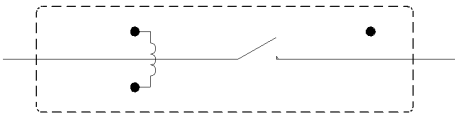


Outline Dimension

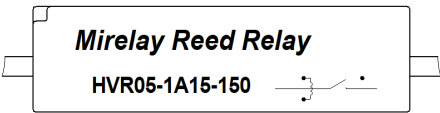
Unit: mm DIM Tolerance: ±0.3



Layout[Top View]



Marking



Coil Parameters (at 20℃)							
Nominal Coil Voltage		Nominal Current		Coil Resistance	Max Pull-in Voltage	Min Drop-out Voltage	
5 VDC		100 mA		50±10% Ω	4 VDC	0.5 VDC	
Contact Parameters							
Contact Form		1 Form A		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		3.0 ms	Capacitance	Across Open Switch	1.0 pF		
Reset Time		1.5 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	—	1A: 1 Form A	15: 15 kVDC	—	150	Nil

Remark: RoHS	Make	Li Linmao	TITLE High Voltage Reed Relay P/N HVR05-1A15-150	 Version: 04 Page: 1/1
	Checke	Hu Shu		
	Approved	Dong Hu		
	Date	30th,Dec,2024		