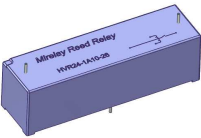


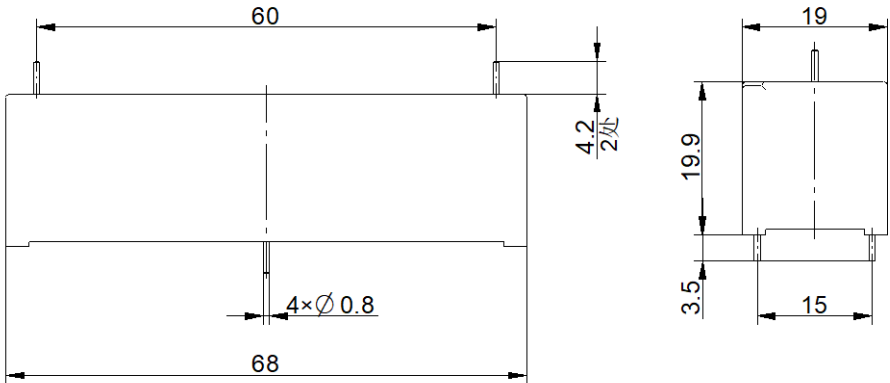
HVR24-1A10-26

- High voltage reed relay
- Low contact resistance
- Breakdown up to 10 kVDC
- Excellent lifetime characteristics
- Custom design available

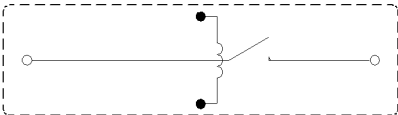


Outline Dimension

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		24 mA		1000±10% Ω		18 VDC		2 VDC			
Contact Parameters											
Contact Form			1 Form A		Max Contact Rating			50 W			
Max Switch Voltage			7.5 kVDC		Max Switch Current			3.0 A			
Max Carrying Current			5.0 A		Min Breakdown Voltage			10 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		10 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		24: 24 VDC						—			
				1A: 1 Form A		10: 10 kVDC		—		Nil	

Remark: RoHS	Make	Li Linmao	TITLE High Voltage Reed Relay P/N HVR24-1A10-26	 Version: 04 Page: 1/1
	Checke	Hu Shu		
	Approved	Dong Hu		
	Date	23th,Dec,2024		