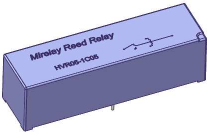


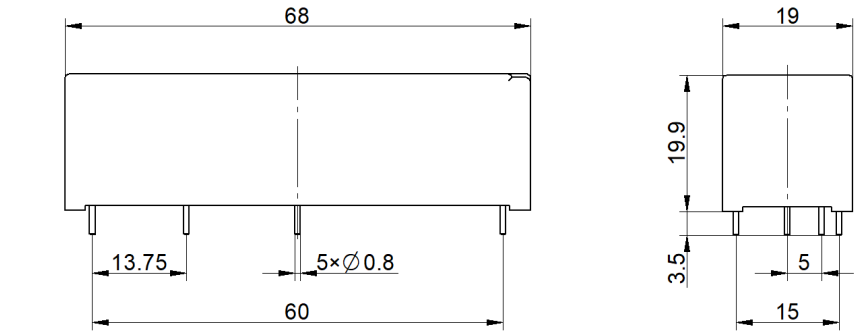
HVR05-1C05

- High Dielectric Strength Up 5 kVDC Form C
- Low Contact Resistance
- Hermetically Sealed For Long Life
- Excellent Lifetime Characteristics
- Custom Design Available

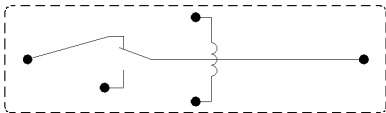


Outline Dimension

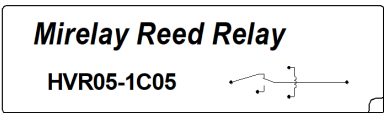
Unit: mm DIM Tolerance: ±0.3



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 C		Max Contact Rating		100 W	
Max Switch Voltage		2.5 kVDC		Max Switch Current		3.0 A	
Max Carrying Current		3.2 A		Min Breakdown Voltage		5 kVDC	
Max Contact Resistance		300 mΩ		Life Expectancy (Electrical) (at 500 VDC 100mA)		5×10 ⁷ ops	
Electrical Specifications							
Dielectric Strength (Static,min)	Open contacts	5 kVDC	Insulation Resistance (min./typ.) Rh<45%, 100V Test Voltage	Open contacts		1×10 ¹¹ Ω	
	Contact to coil	10 kVDC		Contact to coil		1×10 ¹² Ω	
Operate Time,incl.Bounce		3.0 ms	Capacitance	Across Open Switch		3.3 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		1C: 1 Form C	05: 5 kVDC	Nil		Nil

Remark: RoHS	Make	Li Linmao	TITLE High Voltage Reed Relay P/N HVR05-1C05	 Version: 04 Page: 1/1
	Checke	Hu Shu		
	Approved	Dong Hu		
	Date	8th,Jan,2025		