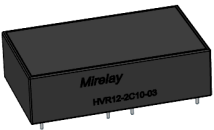


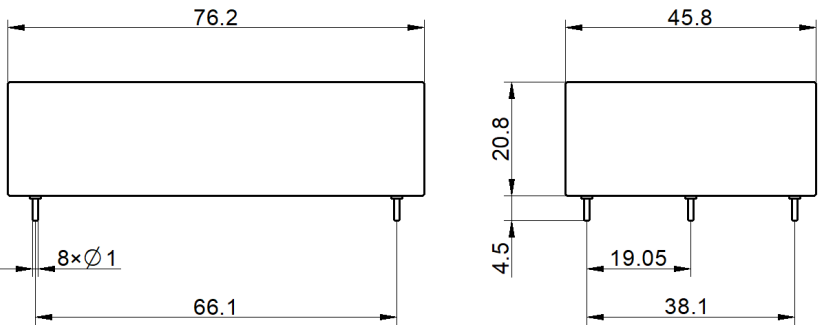
HVR12-2C10-03

- High Voltage Reed Relay
- Low Contact Resistance
- Breakdown up to 10 kVDC
- Excellent Lifetime Characteristics
- Custom Design Available

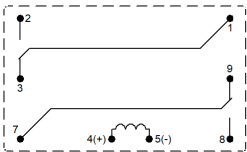


Outline Dimension

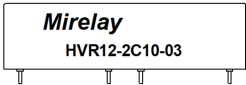
Unit: mm DIM Tolerance: ±0.3



Layout[Top View]



Marking



Coil Parameters (at 20℃)								
Nominal Coil Voltage	Nominal Current	Coil Resistance	Max Pull-in Voltage	Min Drop-out Voltage				
12 VDC	207 mA	58±10% Ω	9 VDC	1 VDC				
Contact Parameters								
Contact Form	2 Form C	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	200 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	10 kVDC		Contact to coil	1×10 ¹² Ω			
Operate Time,incl.Bounce		3.0 ms	Capacitance	Across Open Switch	1.6 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	12: 12 VDC		—		2C: 2 Form C	10: 10 kVDC	—	03

Remark: RoHS	Make	Li Linmao	TITLE High Voltage Reed Relay P/N HVR12-2C10-03	 Version: 04 Page: 1/1
	Checke	Hu Shu		
	Approved	Dong Hu		
	Date	30th,Dec,2024		