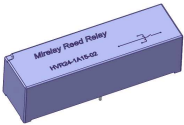


HVR24-1A15-02

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



Outline Dimension

68

50.8

4× $\varnothing$ 0.8

Layout[Top View]

Unit: mm DIM Tolerance: ± 0.3

19

19.9

3.5

10

Marking

Mirelay Reed Relay

HVR24-1A15-02

Coil Parameters (at 20℃)							
Nominal Coil Voltage	Nominal Current	Coil Resistance	Max Pull-in Voltage	Min Drop-out Voltage			
24 VDC	40 mA	600 $\pm$ 10% Ω	18 VDC	2 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 m Ω	Life Expectancy (Electrical) (at 500 VDC 100mA)	5 $\times$ 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 $\times$ 10 ¹² Ω		
	Contact to coil	15 kVDC		Contact to coil	1 $\times$ 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	15: 15 kVDC	02	Nil		

Remark:

RoHS

Make

Checke

Approved

Date

Li Linmao

Hu Shu

Dong Hu

23th,Dec,2024

TITLE

High Voltage Reed Relay

P/N

HVR24-1A15-02

Version: 04

Page: 1/1