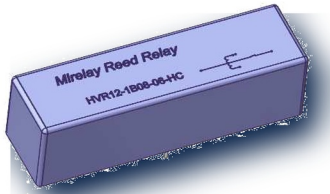


# HVR12-1B08-06-HC

## High Voltage Reed Relay

### PRODUCT VISUAL



embedded pdf product render with exact hvr12 1b08 06 hc marking

### KEY RATINGS

COIL VOLTAGE  
**12 VDC**

CONTACT FORM  
**1 Form B**

SWITCH VOLTAGE  
**7 kVDC**

CONTACT RATING  
**200 W**

### OVERVIEW

- High voltage reed relay
- Breakdown up to 8 kVDC
- Extreme-environment operation
- Suitable for high current loads
- Excellent lifetime characteristics

### COIL DATA

Nominal Coil Voltage	<b>12 VDC</b>
Nominal Current	<b>60 mA</b>
Coil Resistance	<b>200±10% Ω</b>
Max Pull-in Voltage	<b>9 VDC</b>
Min Drop-out Voltage	<b>1 VDC</b>

### CONTACT RATINGS

Contact Form	<b>1 Form B</b>
Max Contact Rating	<b>200 W</b>
Max Switch Voltage	<b>7 kVDC</b>
Max Switch Current	<b>3.0 A</b>
Max Carrying Current	<b>5.7 A</b>
Min Breakdown Voltage	<b>8 kVDC</b>
Max Contact Resistance	<b>200 mΩ</b>
Life Expectancy	<b>5×10<sup>7</sup> ops @500V 100mA</b>

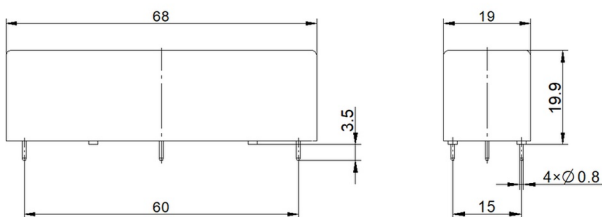
### ELECTRICAL CHARACTERISTICS

Dielectric Open / Coil	<b>8 / 15 kVDC</b>
Insulation Open / Coil	<b>1×10<sup>12</sup> Ω each</b>
Operate Time incl. Bounce	<b>2.0 ms</b>
Reset Time	<b>2.0 ms</b>
Capacitance	<b>0.8 pF across open switch</b>

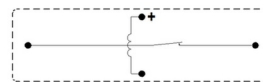
### ENVIRONMENTAL / OPTIONS

Vibration	<b>20 G, 10-2KHz 1.5mm</b>
Shock	<b>50 G, 11ms half-sine</b>
Operating Temperature	<b>-20°C to +70°C</b>
Storage Temperature	<b>-35°C to +105°C</b>
Soldering Temperature	<b>260°C, 5 sec max</b>
Washability	<b>Fully sealed</b>

### MECHANICAL OUTLINE / DIMENSIONS



### CIRCUIT / MARKING / TERMINAL VIEW



**Mirelay Reed Relay**  
HVR12-1B08-06-HC

### ORDERING & SOURCE TRACEABILITY

HVR12-1B08-06-HC — HVR, 12 = 12 VDC, 1B = 1 Form B, 08 = 8 kVDC, Pin Out = 06, Special = HC

Source: HVR12-1B08-06-HC.pdf

Technical values are preserved from source PDFs / generated metadata. Original outline and circuit figures are reused where available; do not treat artwork proportions as standalone dimensional authority.