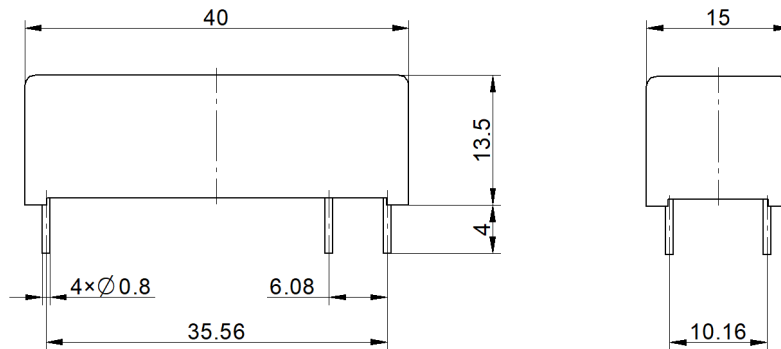
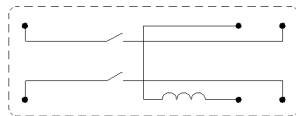
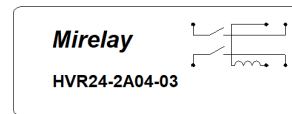


**HVR24-2A04-03**

- High Voltage Reed Relay
- Low Contact Resistance
- Breakdown up to 4 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               | 22 mA           | 1100±10% Ω      | 18 VDC              | 2 VDC                |

**Contact Parameters**

|                        |          |                                                    |                       |
|------------------------|----------|----------------------------------------------------|-----------------------|
| Contact Form           | 2 Form A | Max Contact Rating                                 | 100 W                 |
| Max Switch Voltage     | 1 kVDC   | Max Switch Current                                 | 1.0 A                 |
| Max Carrying Current   | 2.5 A    | Min Breakdown Voltage                              | 4 kVDC                |
| Max Contact Resistance | 100 mΩ   | Life Expectancy (Electrical)<br>(at 500 VDC 100mA) | 5×10 <sup>7</sup> ops |

**Electrical Specifications**

|                                     |                 |             |                                                                |                 |                      |
|-------------------------------------|-----------------|-------------|----------------------------------------------------------------|-----------------|----------------------|
| Dielectric Strength<br>(Static,min) | Open contacts   | 4 kVDC      | Insulation Resistance<br>(min./typ.) Rh<45%, 100V Test Voltage | Open contacts   | 1×10 <sup>12</sup> Ω |
|                                     | Contact to coil | 6 kVDC      |                                                                | Contact to coil | 1×10 <sup>12</sup> Ω |
| Operate Time,incl.Bounce            | 1.0 ms          | Capacitance | Across Open Switch                                             | 0.5 pF          |                      |
| Reset Time                          | 0.1 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           | 2A: 2 Form A | 04: 4 kVDC        | 03      | Nil          |

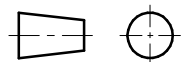
Remark:

**RoHS**

|          |              |
|----------|--------------|
| Make     | Li Linmao    |
| Checke   | Hu Shu       |
| Approved | Dong Hu      |
| Date     | 8th,Jan,2025 |

TITLE  
High Voltage Reed Relay

P/N  
HVR24-2A04-03



Version: 04  
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