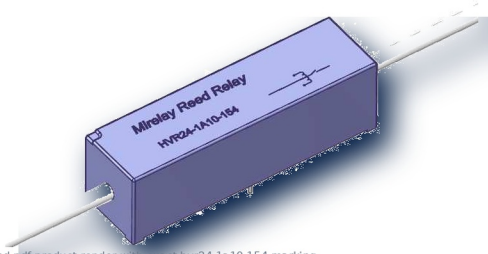


HVR24-1A10-154

High Voltage Reed Relay

PRODUCT VISUAL



embedded pdf product render with exact hvr24 1a10 154 marking

KEY RATINGS

COIL VOLTAGE
24 VDC

CONTACT FORM
1 Form A

SWITCH VOLTAGE
7.5 kVDC

CONTACT RATING
50 W

OVERVIEW

- High voltage reed relay
- Breakdown up to 10 kVDC
- Custom design available
- Low contact resistance
- Excellent lifetime characteristics

COIL DATA

| | |
|----------------------|------------------|
| Nominal Coil Voltage | 24 VDC |
| Nominal Current | 40 mA |
| Coil Resistance | 600±10% Ω |
| Max Pull-in Voltage | 18 VDC |
| Min Drop-out Voltage | 2 VDC |

CONTACT RATINGS

| | |
|------------------------|---|
| Contact Form | 1 Form A |
| 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 | 150 mΩ |
| Life Expectancy | 5×10⁷ ops @500V 100mA |

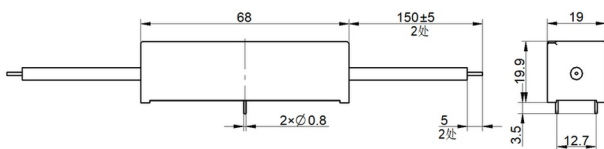
ELECTRICAL CHARACTERISTICS

| | |
|--------------------------------|----------------------------------|
| Dielectric Open / Contact-Coil | 10 / 15 kVDC |
| Insulation Open / Contact-Coil | 1×10¹² Ω each |
| Operate Time incl. Bounce | 3.0 ms |
| Reset Time | 1.5 ms |
| Capacitance | 1.0 pF across open switch |

ENVIRONMENTAL / OPTIONS

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

MECHANICAL OUTLINE / DIMENSIONS



CIRCUIT / MARKING / TERMINAL VIEW



ORDERING & SOURCE TRACEABILITY

HVR24-1A10-154 — HVR, 24 = 24 VDC, 1A = 1 Form A, 10 = 10 kVDC, Pin Out = 154, Special = Nil

Source: HVR24-1A10-154.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.