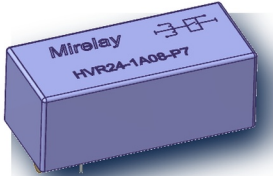


HVR24-1A08-P7

High Voltage Reed Relay

PRODUCT VISUAL



embedded pdf product render with exact hvr24 1a08 p7 marking

KEY RATINGS

COIL VOLTAGE
24 VDC

CONTACT FORM
1 Form A

SWITCH VOLTAGE
6 kVDC

CONTACT RATING
50 W

OVERVIEW

- High voltage reed relay
- Breakdown up to 8 kVDC
- Custom design available
- Low contact resistance
- Excellent lifetime characteristics

COIL DATA

Nominal Coil Voltage	24 VDC
Nominal Current	80 mA
Coil Resistance	300±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	6 kVDC
Max Switch Current	3.0 A
Max Carrying Current	18.0 A
Min Breakdown Voltage	8 kVDC
Max Contact Resistance	80 mΩ
Life Expectancy	5×10⁷ ops @50V 10mA

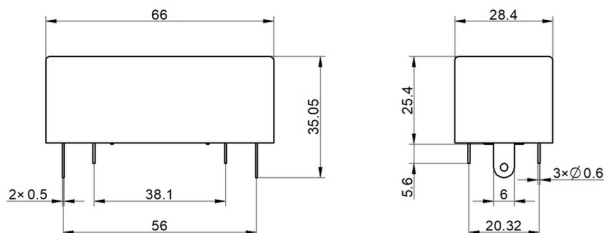
ELECTRICAL CHARACTERISTICS

Dielectric Open/Coil/Shield	8 / 8 / 8 kVDC
Insulation Open/Coil/Shield	1×10¹² Ω each
Operate Time incl. Bounce	3.5 ms
Reset Time	1.5 ms
Capacitance	1.0 pF across open switch

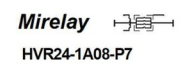
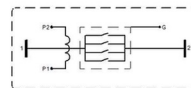
ENVIRONMENTAL / OPTIONS

Vibration	20 G, 10-2KHz 1.5mm
Shock	50 G, 11ms half-sine
Operating Temperature	-20°C to +85°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

HVR24-1A08-P7 — HVR, 24 = 24 VDC, 1A = 1 Form A, 08 = 8 kVDC, Pin Out = P7, Special = Nil

Source: HVR24-1A08-P7.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.