

HVR12-1A10-04-150

High Voltage Reed Relay

PRODUCT VISUAL

SOURCE IMAGE NOT AVAILABLE

source image

KEY RATINGS

NOMINAL COIL VOLTAGE

12 VDC

NOMINAL CURRENT

60 mA

MAX PULL-IN VOLTAGE

9 VDC

MIN DROP-OUT VOLTAGE

1 VDC

CONTACT FORM

1 Form A

MAX CONTACT RATING

50 W

OVERVIEW

- High voltage reed relay with 150 mm HV lead wires
- Same electrical performance as HVR12-1A10-04
- Hermetically sealed contacts
- Custom design available

COIL DATA

Nominal Coil Voltage	12 VDC
Nominal Current	60 mA
Coil Resistance	200±10% Ω
Max Pull-in Voltage	9 VDC
Min Drop-out Voltage	1 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	5×10 ⁷ ops @500V 100mA

ELECTRICAL CHARACTERISTICS

Dielectric Open / Coil	10 / 15 kVDC
Insulation Open / Coil	1×10 ¹² 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 max
Washability	Fully sealed

MECHANICAL OUTLINE / DIMENSIONS

Outline image recorded in source PDF

CIRCUIT / MARKING / TERMINAL VIEW

Connection figure not available

ORDERING & SOURCE TRACEABILITY

HVR12-1A10-04-150 — HVR12-1A10-04 electricals with 150 mm HV leads

Source: HVR12-1A10-04.pdf

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