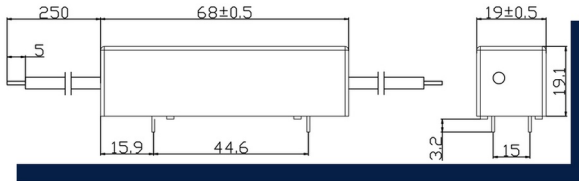


HVR24-1A20-P00

High Voltage Reed Relay

PRODUCT VISUAL



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KEY RATINGS

COIL VOLTAGE
24 VDC

CONTACT FORM
1 Form A

SWITCH VOLTAGE
10 kV

CONTACT RATING
50 W

OVERVIEW

- High voltage reed relay
- Breakdown up to 20 kVDC
- Custom design available
- Low contact resistance
- Long-lead P00 source variant

COIL DATA

Nominal Coil Voltage	24 VDC
Nominal Current	40 mA
Coil Resistance	600 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	10 kVACpk/VDC
Max Switch Current	3.0 A
Max Carrying Current	5.0 A
Min Breakdown Voltage	20 kVDC
Max Contact Resistance	250 mΩ

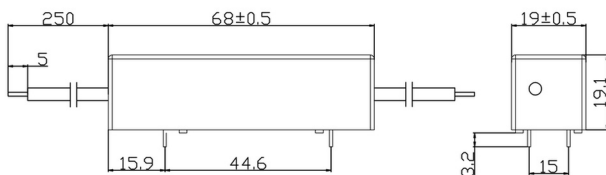
ELECTRICAL CHARACTERISTICS

Dielectric Open / Contact-Coil	20 / 20 kVDC
Insulation Contact-Coil	1×10¹² Ω
Operate Time incl. Bounce	3.0 ms
Reset Time	1.5 ms
Capacitance Across Contacts	0.8 pF

ENVIRONMENTAL / OPTIONS

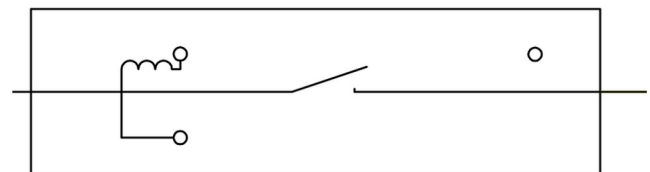
Operating Temperature	-20°C to +70°C
Storage Temperature	-35°C to +105°C
Soldering Temperature	260°C, 5 sec max

MECHANICAL OUTLINE / DIMENSIONS



CIRCUIT / MARKING / TERMINAL VIEW

[Top View]



ORDERING & SOURCE TRACEABILITY

HVR24-1A20-P00 — 24 VDC coil, 1 Form A, 20 kVDC breakdown, P00 long-lead source variant

Source: HVR24-1A20-P00.pdf

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