

High Voltage Reed Relay

SOURCE IMAGE NOT AVAILABLE

source image

NOMINAL COIL VOLTAGE

12 VDC

NOMINAL CURRENT

160 mA

MAX PULL-IN VOLTAGE

9.6 VDC

MIN DROP-OUT VOLTAGE

1.2 VDC

CONTACT FORM

2 Form A

MAX CONTACT RATING

200 W

- ✓ High Voltage Reed Relay
- ✓ Suitable for high current loads
- ✓ External magnetic and electrostatic shield

- High Voltage hold off and switching ability
- Extended operations in extreme environments

Nominal Coil Voltage	12 VDC
Nominal Current	160 mA
Coil Resistance	75±10% Ω
Max Pull-in Voltage	9.6 VDC
Min Drop-out Voltage	1.2 VDC

Contact Form	2 Form A
Max Contact Rating	200 W
Max Switch Voltage	7 kVDC
Max Switch Current	3.0 A
Max Carrying Current	5.7 A
Min Breakdown Voltage	8 kVDC
Max Contact Resistance	100 mΩ

Dielectric Strength, Open Contacts	8 kVDC
Dielectric Strength, Contact to Coil	8 kVDC
Insulation Resistance, Open Contacts	1x1012 Ω
Operate Time incl. Bounce	3.0 ms
Reset Time	1.5 ms
Capacitance, Across Open Switch	0.8 pF

Vibration	20 G
Shock	50 G
Operating Temperature	-20°C ~ 85°C
Storage Temperature	-35°C ~ 105°C
Soldering Temperature	260°C
Washability	fully sealed

- High voltage hold off and switching ability
- Suitable for high current loads
- Extended operations in extreme environments
- External magnetic and electrostatic shield



Outline Dimension

Unit: mm DIM Tolerance: ± 0.3 

Connection figure not available

HVSR12-2A08-HC — High Voltage Reed Relay

Source: HVSR12-2A08-HC.pdf

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