

HVSR12-2A08-01-HC

High Voltage Reed Relay

PRODUCT VISUAL

SOURCE IMAGE NOT AVAILABLE

source image

KEY RATINGS

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

OVERVIEW

- High Voltage Reed Relay
- Suitable for high current loads
- External magnetic and eletrostatic shield
- High Voltage hold off nd switching ability
- Extended operations in extreme environments

COIL DATA

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 RATINGS

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

ELECTRICAL CHARACTERISTICS

Dielectric Strength, Open Contacts	8 kVDC
Dielectric Strength, Contact to Coil	8 kVDC
Insulation Resistance, Open Contacts	1×10 ¹² Ω
Operate Time incl. Bounce	3.0 ms
Reset Time	1.5 ms
Capacitance, Across Open Switch	0.8 pF

ENVIRONMENTAL / OPTIONS

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

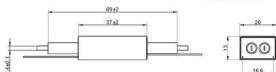
MECHANICAL OUTLINE / DIMENSIONS

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



Outline Dimension

Unit: mm DIM Tolerance: ±0.3



CIRCUIT / MARKING / TERMINAL VIEW

Connection figure not available

ORDERING & SOURCE TRACEABILITY

HVSR12-2A08-01-HC — High Voltage Reed Relay

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