

## HVSR12-2A08-01

## 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

50 W

## OVERVIEW

- High Voltage Reed Relay
- Breakdown up to 8 kVDC
- Custom Design Available
- High Frequency High Power
- Excellent Lifetime Characteristics

## COIL DATA

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

## CONTACT RATINGS

|                        |                |
|------------------------|----------------|
| Contact Form           | 2 Form A       |
| Max Contact Rating     | 50 W           |
| Max Switch Voltage     | 6 kVDC         |
| Max Switch Current     | 3.0 A          |
| Max Carrying Current   | 5.0 A          |
| Min Breakdown Voltage  | 8 kVDC         |
| Max Contact Resistance | 100 m $\Omega$ |

## ELECTRICAL CHARACTERISTICS

|                                      |                             |
|--------------------------------------|-----------------------------|
| Dielectric Strength, Open Contacts   | 8 kVDC                      |
| Dielectric Strength, Contact to Coil | 8 kVDC                      |
| Insulation Resistance, Open Contacts | 1×10 <sup>12</sup> $\Omega$ |
| Operate Time incl. Bounce            | 3.0 ms                      |
| Reset Time                           | 1.5 ms                      |
| Capacitance, Across Open Switch      | 1.6 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  |

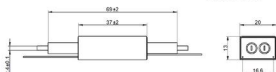
## MECHANICAL OUTLINE / DIMENSIONS

- High Frequency High Power
- Breakdown up to 8 kVDC
- Excellent Lifetime Characteristics
- Custom Design Available



## Outline Dimension

Unit: mm DIM Tolerance: ±0.3



## CIRCUIT / MARKING / TERMINAL VIEW

Connection figure not available

## ORDERING &amp; SOURCE TRACEABILITY

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

Source: HVSR12-2A08-01.pdf

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