HVSR12-2A08

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% 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	**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 mΩ**

ELECTRICAL CHARACTERISTICS

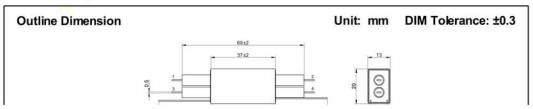
Dielectric Strength, Open Contacts	**8 kVDC**
Dielectric Strength, Contact to Coil	**8 kVDC**
Insulation Resistance, Open Contacts	**1×1012 Ω**
Operate Time incl. Bounce	**3.0 ms**
Reset Time	**1.5 ms**
Capacitance, Across Open Switch	**1.6 pF**

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



CIRCUIT / MARKING / TERMINAL VIEW

Connection figure not available

ORDERING & SOURCE TRACEABILITY

HVSR12-2A08 — High Voltage Reed Relay

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