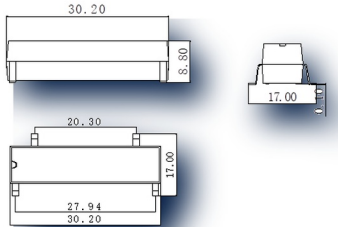


HVR1A05-SMD

High Voltage Reed Relay

PRODUCT VISUAL



source outline package diagram no exact product photo

KEY RATINGS

COIL VOLTAGE

5 VDC

CONTACT FORM

1 Form A

SWITCH VOLTAGE

1KVAC/1.5KVDC

CONTACT RATING

100 W

OVERVIEW

- Hermetically sealed for long life
- Breakdown up to 4 kVDC
- Custom design available
- Low contact resistance
- SMD high-voltage package

COIL DATA

Nominal Coil Voltage	5 VDC
Max Operating Voltage	8 VDC
Max Pull-in Voltage	3.75 VDC
Min Drop-out Voltage	0.5 VDC
Coil Resistance	180 Ω

CONTACT RATINGS

Contact Form	1 Form A
Max Contact Rating	100 W
Max Switch Voltage	1KVAC/1.5KVDC
Max Switch Current	1.0 A
Max Carrying Current	2.5 A
Min Breakdown Voltage	4K VDC
Max Contact Resistance	150 mΩ

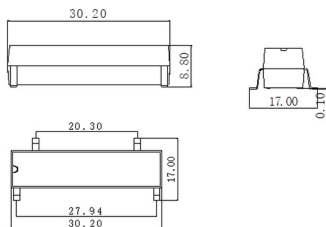
ELECTRICAL CHARACTERISTICS

Dielectric Coil/Contact	7K VDC
Insulation Coil/Contact	1.00E+12 Ω
Operate Time incl. Bounce	1.0 ms
Reset Time	0.1 ms
Capacitance Across Contacts	0.6 pF

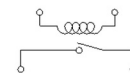
ENVIRONMENTAL / OPTIONS

Operating Temperature	-40°C to +100°C
Storage Temperature	-40°C to +125°C
Soldering Temperature	260°C, 5 sec max
Washability	Hermetically sealed

MECHANICAL OUTLINE / DIMENSIONS



CIRCUIT / MARKING / TERMINAL VIEW



ORDERING & SOURCE TRACEABILITY

HVR1A05-SMD — HVR, 1A = 1 Form A, 05 = 5 VDC, SMD package

Source: HVR1A05-SMD.pdf

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