

HVR1C05-HG

Mercury Wetted Reed Relay

PRODUCT VISUAL

SOURCE IMAGE NOT AVAILABLE

source image

KEY RATINGS

NOMINAL COIL VOLTAGE

5 VDC

MAX OPERATING VOLTAGE

7.0 VDC

MAX PULL-IN VOLTAGE

4.0 VDC

MIN DROP-OUT VOLTAGE

0.5 VDC

MIN BREAKDOWN VOLTAGE

2K VDC

CONTACT FORM

1 Form C

OVERVIEW

- ✓ High Dielectric Strength - up to 2000V Isolation
- ✓ Low Contact Resistance
- ✓ Custom Design Available For Coil Resistance And Pin Out
- ✓ High Carry Current
- ✓ Excellent Lifetime Characteristics

COIL DATA

Nominal coil voltage	5 VDC
Max Operating voltage	7.0 VDC
Max Pull-in voltage	4.0 VDC
Min Drop-out voltage	0.5 VDC
Coil Resistance	120 ohm

CONTACT RATINGS

Min Breakdown Voltage	2K VDC
Contact Form	1 Form C
Max Contact Rating	50 W
Max Switch Voltage	1KV ACpeak/DC
Max Switch Current	1.0 A
Max Carrying Current	5.2 A
Max Contact Resistance	80 mohm

ELECTRICAL CHARACTERISTICS

Breakdown Voltage	2K VDC
Isolation Contact to Coil	2K VDC
Insulation Resistance Contact to Coil	10 ¹² Ω
Operate Time, incl. Bounce	3.0ms
Reset Time	3.0ms
Capacitance Across Contact	0.8pF

ENVIRONMENTAL / OPTIONS

Storage Temperature	-35~+105°C
Operating Temperature	-20~+70°C
Soldering Temperature	5 sec.max 260°C

MECHANICAL OUTLINE / DIMENSIONS

Outline image recorded in source PDF

CIRCUIT / MARKING / TERMINAL VIEW

Connection figure not available

ORDERING & SOURCE TRACEABILITY

HVR1C05-HG — Mercury Wetted Reed Relay

Source: HVR-Wet series.pdf

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