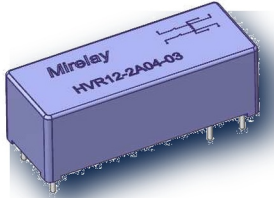


HVR12-2A04-03

High Voltage Reed Relay

PRODUCT VISUAL



embedded pdf product render with exact hvr12 2a04 03 marking

KEY RATINGS

COIL VOLTAGE
12 VDC

CONTACT FORM
2 Form A

SWITCH VOLTAGE
1 kVDC

CONTACT RATING
100 W

OVERVIEW

- High voltage reed relay
- Breakdown up to 4 kVDC
- Custom design available
- Low contact resistance
- Excellent lifetime characteristics

COIL DATA

Nominal Coil Voltage	12 VDC
Nominal Current	30 mA
Coil Resistance	400±10% Ω
Max Pull-in Voltage	9 VDC
Min Drop-out Voltage	1 VDC

CONTACT RATINGS

Contact Form	2 Form A
Max Contact Rating	100 W
Max Switch Voltage	1 kVDC
Max Switch Current	1.0 A
Max Carrying Current	2.5 A
Min Breakdown Voltage	4 kVDC
Max Contact Resistance	100 mΩ
Life Expectancy	5×10⁷ ops @500V 100mA

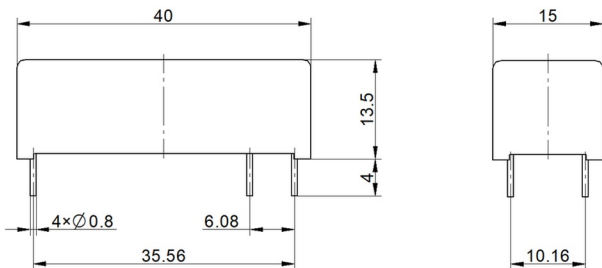
ELECTRICAL CHARACTERISTICS

Dielectric Open / Contact-Coil	4 / 5 kVDC
Insulation Open / Contact-Coil	1×10¹² / 1×10¹² Ω
Operate Time incl. Bounce	1.0 ms
Reset Time	0.1 ms
Capacitance	0.5 pF across open switch

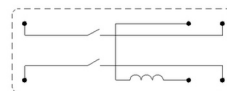
ENVIRONMENTAL / OPTIONS

Vibration	20 G, 10-2KHz 1.5mm
Shock	50 G, 11ms half-sine
Operating Temperature	-20°C to +70°C
Storage Temperature	-35°C to +105°C
Soldering Temperature	260°C, 5 sec max
Washability	Fully sealed

MECHANICAL OUTLINE / DIMENSIONS



CIRCUIT / MARKING / TERMINAL VIEW



Mirelay
HVR12-2A04-03



ORDERING & SOURCE TRACEABILITY

HVR12-2A04-03 — HVR, 12 = 12 VDC, 2A = 2 Form A, 04 = 4 kVDC, Pin Out = 03, Special = Nil

Source: HVR12-2A04-03.pdf

Technical values are preserved from source PDFs / generated metadata. Original outline and circuit figures are reused where available; do not treat artwork proportions as standalone dimensional authority.