

MH12-1A8K

Mercury Wetted Reed Relay

PRODUCT VISUAL

SOURCE IMAGE NOT AVAILABLE

source image

KEY RATINGS

NOMINAL COIL VOLTAGE

12 VDC

MAX OPERATING VOLTAGE

16 VDC

MAX PULL-IN VOLTAGE

9 VDC

MIN DROP-OUT VOLTAGE

1.2 VDC

MIN BREAKDOWN VOLTAGE

8K VDC

CONTACT FORM

1 Form A

OVERVIEW

- ✓ High Power Mercury Reed Relay
- ✓ High Carry Current
- ✓ Custom Design Available
- ✓ Low Contact Resistance
- ✓ Excellent Lifetime Characteristics

COIL DATA

Nominal coil voltage	12 VDC
Max Operating voltage	16 VDC
Max Pull-in voltage	9 VDC
Min Drop-out voltage	1.2 VDC
Coil Resistance	200 ohm

CONTACT RATINGS

Min Breakdown Voltage	8K VDC
Contact Form	1 Form A
Max Contact Rating	100 W
Max Switch Voltage	5KV ACpeak/DC
Max Switch Current	5.0 A
Max Carrying Current	10.0 A
Max Contact Resistance	100 mohm

ELECTRICAL CHARACTERISTICS

Dielectric Strength coil/contact	8K VDC
Operate Time	7.0ms
Reset Time	5.0ms
Capacitance Across Contacts	1.0pF

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

MH12-1A8K — Mercury Wetted Reed Relay

Source: MH12-1A8K.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.