

L W H
0.275 X 0.300 X 0.750

L W H
0.275 X 0.300 X 0.750/0.338 X 0.393 X 0.750

L W H
0.355 X 0.4 TO 0.9 X 1.15

- SPST - NO - EPOXY MOLDED CONSTRUCTION
- STANDARD 0.1 GRID SPACING
- DUAL OPERATE & RESET COIL
- MAINTAINS LAST SET CONTACT POSITION WITHOUT THE NEED FOR COIL POWER

- SPDT - EPOXY MOLDED CONSTRUCTION. DPDT - ENCAPSULATED CONSTRUCTION.
- STANDARD 0.1 GRID SPACING.
- AVAILABLE WITH SUPPRESSION DIODE ACROSS COIL.
- AVAILABLE WITH OPTIONAL ELECTROSTATIC SHIELD

- SPDT -NO, SPDT, DPST - NO & DPDT - DUST COVER STANDARD. ENCAPSULATED CONSTRUCTION OPTIONAL
- STANDARD 0.1 GRID OR OPTIONAL 0.15 GRID SPACING.
- UP TO 4PDT OR 6PST CONTACT ARRANGEMENTS.

SPST-N. O.

SPDT, DPDT

1 TO 4PDT, 1 TO 6PST

RHODIUM

RHODIUM

RHODIUM

100 MILLIOHMS (INITIAL)

100 MILLIOHMS (INITIAL)

200 MILLIOHMS (INITIAL)

0.5 AMP, 100 VDC @ 10 VA

SPDT: 0.25 AMP, 100 VDC @ 4 VA
DPDT: 0.5 AMP, 100 VDC @ 10 VA

MAX. SWITCHING
0.5 AMP OR 200 VDC
@ 10 VA

1.5 AMP

SPDT - 0.5 AMP, DPDT - 1.0 AMP

1.5 AMP

5, 12, 24,

5, 12, 24,

12, 24,

35 - 290 mW MAX.

35 - 290 mW MAX.

1030 mW MAX.

- 40°C TO + 85°C

- 40°C TO + 85°C

- 40°C TO + 85°C

- 40°C TO + 105°C

- 40°C TO + 105°C

- 40°C TO + 105°C

1000 V rms

1000 V rms

500 V rms

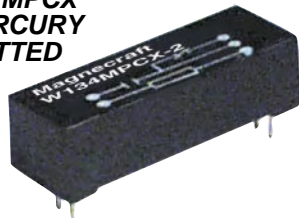
50,000,000 OPERATIONS
100,000,000 OPERATIONS

50,000,000 OPERATIONS
100,000,000 OPERATIONS

50,000 OPERATIONS
10,000,000 OPERATIONS

RELAY SERIES

134 MPCX
MERCURY
WETTED



102VX & 102HVX



120 COAXIAL



L W H
2.90 X 1.53 X 1.40

L W H
0.65 X 0.76 X 2.67

L W H
1.73 X 0.703 X 1.62

FEATURES

- SPDT & DPDT - DUST COVER STANDARD. ENCAPSULATED CONSTRUCTION OPTIONAL
- STANDARD 0.1 GRID OR OPTIONAL 0.15 SPACING AVAILABLE.
- POSITION SENSITIVE. VERTICAL MOUNTED.

- SPST - NO EPOXY ENCAPSULATED HIGH VOLTAGE REED
- SWITCHING UP TO 10 MA @ 5,000 VDC
5 MA @ 10,000 VDC

- SPDT - METAL CASE 150 WATT SWITCHING UP TO 470 MHz.
- RG58C/U CABLE, 12" LONG STANDARD. 50 OHM IMPEDANCE R.F. SWITCHING CONTACTS

CONTACT DATA

CONTACT CONFIGURATION:

SPDT, DPDT

SPST- N. O.

SPDT

CONTACT MATERIAL:

RHODIUM / MERCURY

TUNGSTEN

SILVER ALLOY GOLD FLASHED

CONTACT RESISTANCE:

100 MILLIOHMS (INITIAL)

200 MILLIOHMS (INITIAL)

50 MILLIOHMS (INITIAL)

MAX. SWITCHING LOAD:

MAX. SWITCHING
1.0 AMP OR 500 VDC @ 50 VA

VX-10 MA @ 5000VDC
HVX-5 MA @ 10,000 VDC

150 WATTS, 85 Vrms

CONTINUOUS
CARRY CURRENT:

30 & 15 MILLIAMPS

150 WATTS

COIL DATA

STANDARD VOLTAGE
DC:

5, 12, 24,

12, 24,

12

NOMINAL COIL POWER
WATTS:

620 mW MAX.

1.5 WATTS MAX.

1.44 WATTS MAX.

GENERAL DATA

AMBIENT TEMPERATURE
OPERATING:

- 37°C TO + 85°C

- 40°C TO + 85°C

- 55°C TO + 65°C

STORAGE:

- 40°C TO + 105°C

- 40°C TO +105°C

- 40°C TO +105°C

DIELECTRIC STRENGTH:
(COIL TO FRAME)

1000 V rms

12000 V rms

1500 V rms

LIFE EXPECTANCY
ELECTRICAL:
MECHANICAL:

40,000 OPERATIONS
10,000,000 OPERATIONS

1,000,000 OPERATIONS
10,000,000 OPERATIONS

5,000,000 OPERATIONS
100,000 OPERATIONS

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