



# SECTION 6

REED RELAYS FOR PRINTED  
CIRCUIT BOARD APPLICATIONS  
4 VA TO 100 VA  
COAXIAL RELAYS  
FOR R. F. SWITCHING



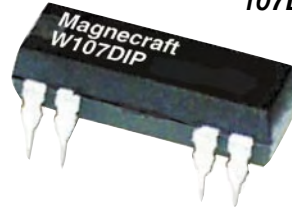
# PRINTED CIRCUIT BOARD REED RELAYS

**117SIP**



**L W H**  
0.290 x 0.280 x 0.750

**107DIP**



**L W H**  
0.275 X 0.300 X 0.750

**171DIP**



**L W H**  
0.275 X 0.300 X 0.750

**RELAY SERIES**

**FEATURES**

- SPST - NO OR NC - EPOXY MOLDED CONSTRUCTION.
- STANDARD 0.1 GRID SPACING.
- AVAILABLE WITH OR WITHOUT SUPPRESSION DIODE ACROSS COIL.

- SPST - NO OR NC - EPOXY MOLDED CONSTRUCTION.
- STANDARD 0.1 GRID SPACING.
- 4 HOOK-UP PINS TO COIL & 4 HOOK-UP PINS TO CONTACTS
- AVAILABLE WITH OPTIONAL ELECTROSTATIC SHIELD

- SPST - NO OR NC - EPOXY MOLDED CONSTRUCTION.
- STANDARD 0.1 GRID SPACING.
- AVAILABLE WITH OR WITHOUT SUPPRESSION DIODE ACROSS COIL.
- AVAILABLE WITH OPTIONAL ELECTROSTATIC SHIELD

**CONTACT DATA**

CONTACT CONFIGURATION:

**SPST-N. O., SPST-N. C.**

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**SPST-N. O., SPST-N. C.**

CONTACT MATERIAL:

RHODIUM

RHODIUM

RHODIUM

CONTACT RESISTANCE:

100 MILLIOHMS (INITIAL)

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MAX. SWITCHING LOAD:

0.5 AMP, 200 VDC @ 10 VA

0.5 AMP, 100 VDC @ 10 VA

0.5 AMP, 100 VDC @ 10 VA

CONTINUOUS CARRY CURRENT:

1.2 AMP

1.5 AMP

1.5 AMP

**COIL DATA**

STANDARD VOLTAGE DC:

5, 12, 24,

5, 12, 24,

5, 12, 24,

NOMINAL COIL POWER WATTS:

50 - 290 mW MAX.

35 - 290 mW MAX.

35 - 290 mW MAX.

**GENERAL DATA**

AMBIENT TEMPERATURE OPERATING:

- 45°C TO + 85°C

- 40°C TO + 85°C

- 40°C TO + 85°C

STORAGE:

- 40°C TO + 105°C

- 40°C TO + 105°C

- 40°C TO + 105°C

DIELECTRIC STRENGTH: (COIL TO FRAME)

500 V rms

1000 V rms

1000 V rms

LIFE EXPECTANCY

ELECTRICAL:  
MECHANICAL:

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

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

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

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