



Magnecraft & Struthers-Dunn
Your Contact for Relays

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

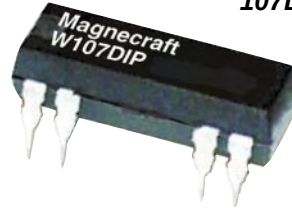
RELAY SERIES

117SIP



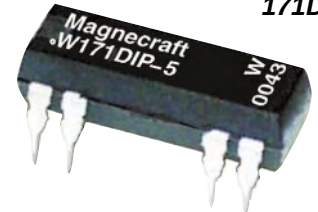
L W H
0.290 x 0.280 x 0.750

107DIP



L W H
0.275 X 0.300 X 0.750

171DIP



L W H
0.275 X 0.300 X 0.750

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