

**GENERAL SPECIFICATIONS****COIL**

Pull-in Voltage:	85% of nominal voltage or less
Drop Out Voltage:	10% of nominal voltage or more
Max. Voltage:	110% of nominal voltage
Resistance:	±10% measured @ 25°C
Coil Power:	See chart
Duty:	Continuous

**CONTACTS**

Contact Material:	Rhodium
Contact Resistance:	200 milliohms max.
Contact Rating:	0.5 amp 100 VDC (10VA) 1.5 amps max. Continuous carry current.

**TIMING**

Operate time:	1 mS or less @ nominal voltage.
Reset time:	1 mS or less @ nominal voltage.

**DIELECTRIC STRENGTH**

Across Open Contacts:	200 V rms
Between Mutually Insulation Points:	1000 V rms
Insulation Resistance:	1000 megohms min. @ 500 VDC
Capacitance:	2.0 pf typical contact to open contact

**TEMPERATURE**

Operating:	-40°C to +85°C @ rated operation
Storage:	-40°C to +105°C

**SHOCK RESISTANCE**

Operating:	50 g's
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**VIBRATION RESISTANCE**

Operating	20 g's, 40 Hz to 200 Hz
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**LIFE EXPECTANCY**

Electrical:	50,000,000 operations @ 5-10 V @ 10 mA
Mechanical:	100,000,000 operations @ no load

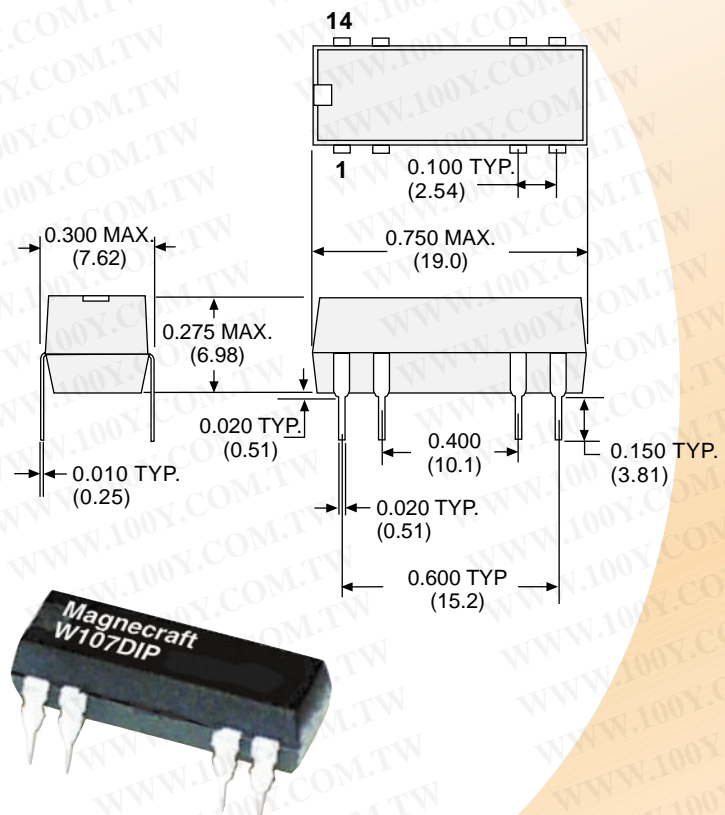
**MISCELLANEOUS**

Operating Position:	Any
Enclosure:	Epoxy molded
Weight:	1 gram approx.

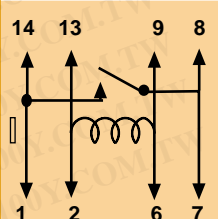
WHEN SPACING DIP RELAYS, THE RELAYS REQUIRE 1/2 INCH SPACING FROM THE SIDE OF THE ADJACENT RELAYS.

**OUTLINE DIMENSIONS**

DIMENSIONS SHOWN IN INCHES &amp; (MILLIMETERS).



勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-54151736  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

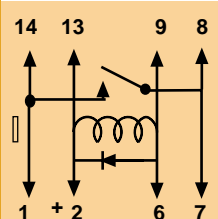
**WIRING  
DIAGRAMS  
(TOP VIEWED )****SPST - N. O.****STANDARD  
PART  
NUMBERS**

W107DIP-1  
 W107DIP-3  
 W107DIP-4

**COIL MEASURED @ 25°C**

**NOMINAL  
INPUT  
VOLTAGE**    **NOMINAL  
RESISTANCE  
(OHMS)**    **NOMINAL  
POWER  
(mW)**

5    500 Ω    50  
 12    1000 Ω    144  
 24    2000 Ω    288

**SPST - N. O. WITH CLAMPING DIODE**

W107DIP-5  
 W107DIP-7  
 W107DIP-8

5    500 Ω    50  
 12    1000 Ω    144  
 24    2000 Ω    288

SEE END OF SECTION 6 FOR CROSS REFERENCE