勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-54151736
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

ORDER CODE

MD-5-W-M-D

- D: DIODE
- M: Plastic Cover / M: Metallic Cover
- W: PIN PITCH 10.16mm / L: PIN PITCH 5.08mm
- COIL VOLTAGE — 5: DC 5V / 12: DC 12V
- TYPE

Main Features:

- SIP Reed Relay.
- Plastic and Metals all available.
- Completely washable.
- Surge strength 1,500 VDC (between coil & contact).
- Provide high speed, miniature and cost effective switching solution.80=

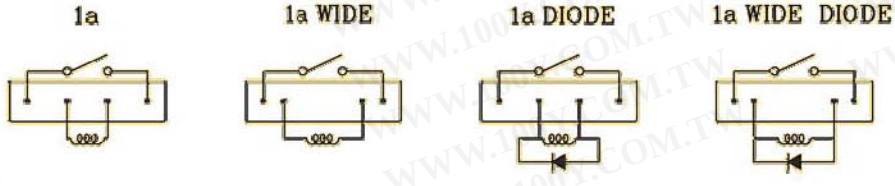
COIL RATING (at 20°C)

NOMINAL VOLTAGE (VDC)	COIL RESISTANCE (Ω) (+/- 10%)	POWER CONSUMPT -ION (W)	NOMINAL CURRENT (mA) (+/- 10%)	PULL IN VOLTAGE (VDC)	DROP OUT VOLTAGE (VDC)	MAX. ALLOWABLE VOLTAGE (VDC)
5V	500 Ω	0.5W	10 mA	3.75V	0.8V	15V
12V	1000 Ω	0.144W	12 mA	8.6V	0.6V	30V

PERFORMANCE (at inital value)

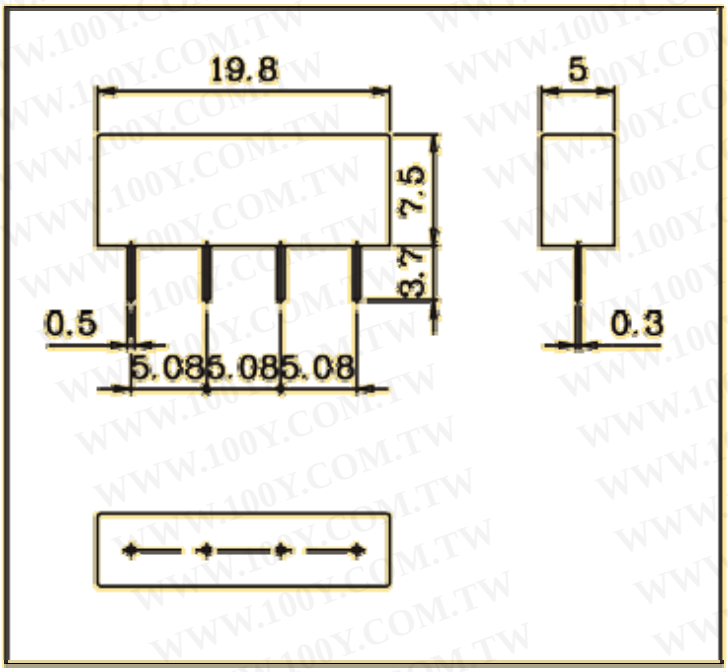
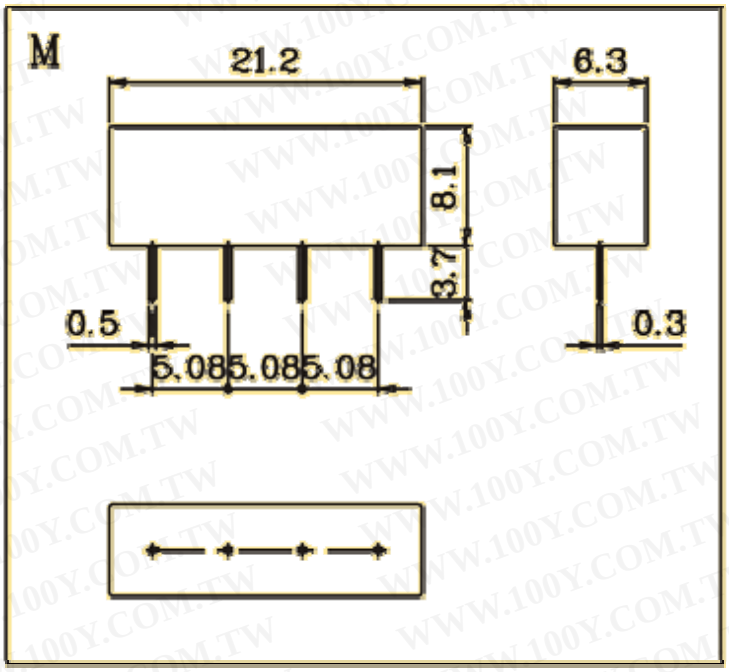
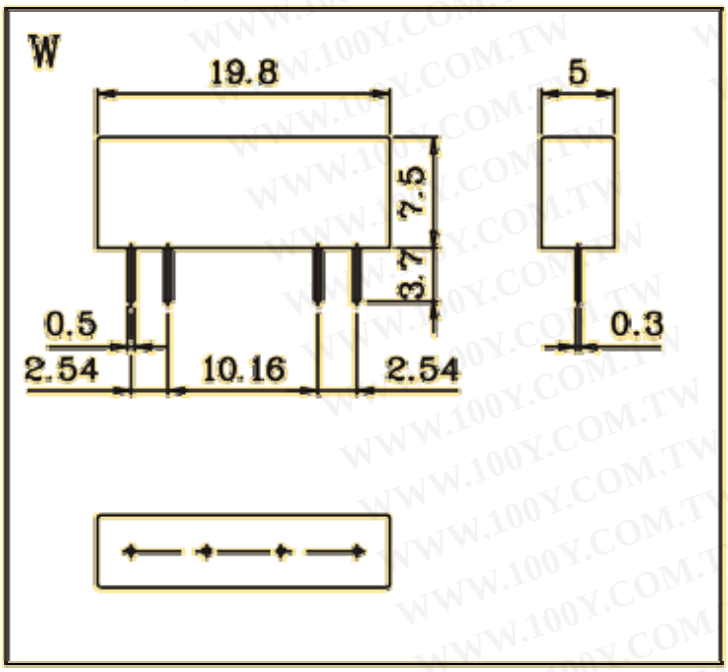
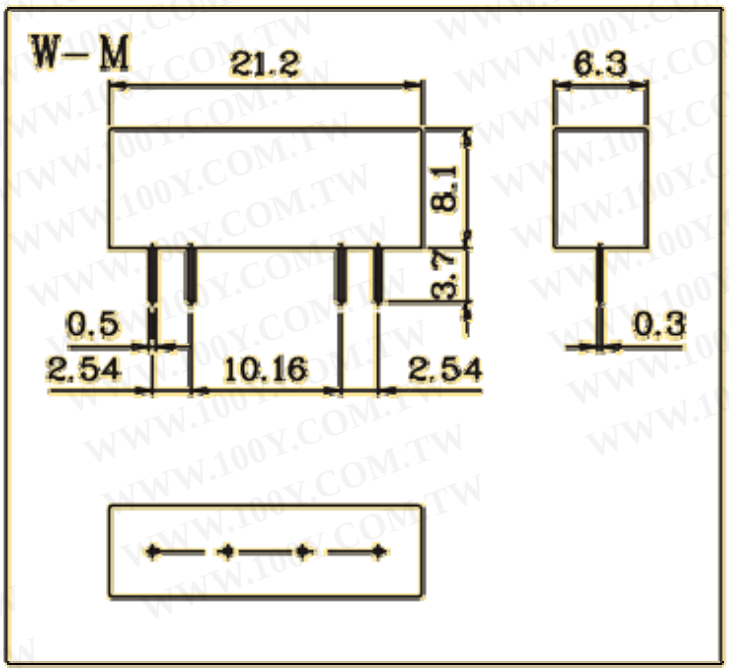
Item \ Type	0.5A
Contact Resistance	150mΩ Max. (initial value)
Operate Time	0.5msec Max.
Release Time	0.1msec Max.
Dielectric Strength between coil & contact between contact	AC 1500V (1min) AC 250V (1min)
Insrlation Resistance	100MΩ Min.(DC 500V)
Operating Ambient Temperature	-40°C ~ +85°C
Humidity	35 to 85% RH
Vibration Resistance	10G (10~55Hz) (Dual amplitude:1.5mm)
Shock Resistance	10G
Life Expectancy Mechanically Electrically	100,000,000 ops. Min. (1800 ops./h) 100,000 ops. Min. (0.5A 20VDC , 0.1A 100VDC, 0.5A 20VAC, 0.1A 100VAC, resistive load 1200 ops./h) 50,000,000 ops. Min. (5VDC, 10mA, resistive load 1200 ops./h)
Weight	2g (about)

WIRING DIAGRAMS (Bottom View)



CONTACT RATING

勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-54151736
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

Item / Type	0.5A
Rated Carrying Current	DC 20V 0.5A AC 20V 0.5A DC 100V 0.1A AC 100V 0.1A
Max. Allowable Current	1A
Max. Allowable Voltage	DC 100V AC 100V
Max. Current (continual)	0.5A
Max. Switching Power	10W, 10VA
Max. Switching Voltage	DC 200V
Max. Switching Current	0.5A
Contact Material	Ruthenium

DIMENSIONS (Unit : mm)