

# Small PC board and transfer 小型PC板切換用

## OKITA

1c · Reed Relay 1c · 干簧繼電器

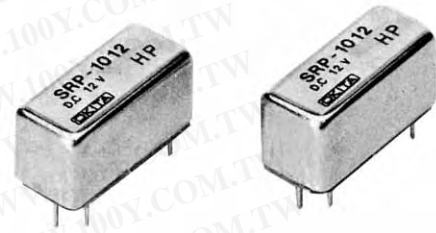
勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

### Part Number / Feature 品名 / 特長

• SRP - 1000HP

Coil Voltage 線圈電壓

- It is transfer-contact type, which Contact Rating 10W is realized by the combinational use of a permanent magnet. Furthermore, it is long life compared with conventional transfer-contact types. Since it is compact, and a magnetic shield is provided, adjacent mounting is possible.
- 因與永久磁鐵組合的關係，能實現額定10 W的切換功能。除此和以往的切換繼電器相比，此屬於高壽命類型。體積小又有添加磁氣屏蔽關係，故能緊密組裝。



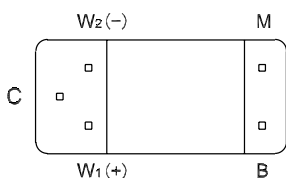
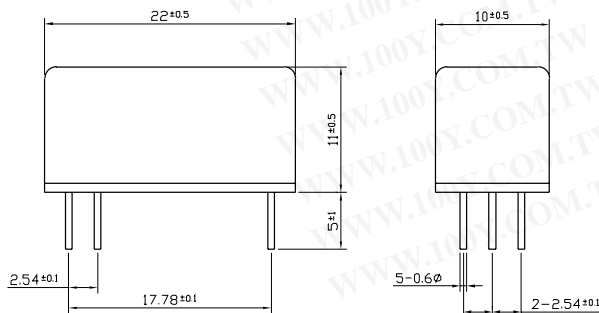
### Performance 性能

Specifications 規格	Item 項目	Standard 規格
Contact Specifications 接點規格	Contact Form 接點型式	1c (transfer)
	Contact Rating 接點額定	10 W
	Max. Switching Voltage 最大切換電壓	DC.100V
	Max. Switching Current 最大切換電流	0.5 A
	Max. Carry Current 最大通電電流	1.0 A
	Contact Resistance 接點接觸阻抗	150m Ω MAX. (Initial)
Electrical Specifications 電氣規格	Breakdown Voltage 耐電壓	Between contacts DC.200V Contacts to coil DC.200V
	Insulation Resistance 絕緣阻抗	Between all isolated pins 1X10 <sup>9</sup> Ω MIN. (DC.100V)
	Capacitance 靜電容量	Across Open contacts 2.0pF Typ.
	Thermal Electromotive Force 熱起電力	30μV Typ.
	Operate Time 動作時間	(incl. bounce) 1.5mS MAX. (at Nominal Voltage)
Mechanical Specifications 機械規格	Release Time 釋放時間	(incl. bounce) 2.0mS MAX. (at Nominal Voltage)
	Vibration 耐振動	20G (0~2KHz, 1.5mm)
	Shock 耐衝擊	30G (11mS, 1/2 Sin Wave)
Environmental 環境	Operating Temperature 使用周圍溫度	-10°C ~ +60°C
Life Expectancy 壽命	Mechanical 機械的	1X10 <sup>6</sup> MIN. Operations
	Electrical 電氣的	DC.10V-4mA 5X10 <sup>6</sup> MIN. Operations (R.L.) DC.24V-50mA 5X10 <sup>6</sup> MIN. Operations (R.L.)

### Coil Specifications 線圈規格

Part Number 品名	Nominal Voltage DC ± 10%[V] 額定電壓	Coil Resistance ± 10%[Ω] at 20°C 線圈電阻	Nominal Current [mA] 額定電流	Must-Operate Voltage MAX.[V] at 20°C 啟動電壓
SRP-1024HP	24	2000	12.0	18.5
SRP-1012HP	12	500	24.0	9.0
SRP-1005HP	5	120	41.7	3.8

### Dimensions / Terminal Identification (Unit:mm) 外型尺寸圖 / 結線圖 (單位:毫米)



BOTTOM VIEW

Weight about 5.0gr

TOP VIEW

