

Small PC Board and Transfer 小型PC板・切換用類型

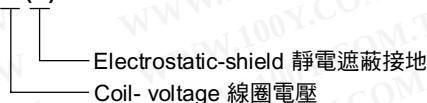
OKITA

1c · Mercury Relay 1c · 水銀繼電器

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

• MTTP - 100 (S)



- Since it is a printed circuit board type, it decreases time and effort of mounting sharply.
- The magnetic field is provided. Therefore adjacent mounting is possible. When electrostatic capacitance becomes a problem in the circuit, please use relay of S type.
- 將組裝時間簡單化，屬於印刷電路板類型。因為添加磁氣屏蔽，能緊密組裝。若運用於有電容問題的電路上，請使用靜電接地(S)機種。



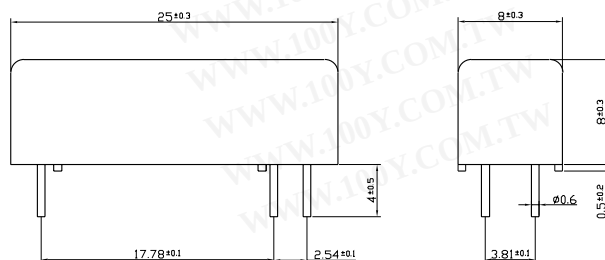
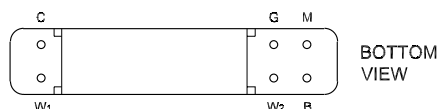
Performance 性能

Specifications 規格	Item 項目	Standard 規格
Contact Specifications 接點規格	Contact Form 接點型式	1c (transfer mercury)
	Contact Rating 接點額定	50 W
	Max. Switching Voltage 最大切換電壓	DC. 500V
	Max. Switching Current 最大切換電流	1 A
	Max. Carry Current 最大通電電流	2 A
	Contact Resistance 接點接觸阻抗	50m Ω MAX.
Electrical Specifications 電氣規格	Breakdown Voltage 耐電壓	Between contacts DC.1000V Contacts to coil DC.1000V Contacts to shield DC.1000V
	Insulation Resistance 絕緣阻抗	Between all isolated pins $1 \times 10^9 \Omega$ MIN. (DC.100V)
	Capacitance 靜電容量	Across Open contacts 2.5pF Typ. "S" type 1.5pF MAX. (Shield Guarding)
	Thermal Electromotive Force 熱起電力	60μV Typ.
	Operate Time 動作時間	(1 Pulse) 3.0mS MAX. (at Nominal Voltage)
Mechanical Specifications 機械規格	Release Time 釋放時間	(1 Pulse) 3.0mS MAX. (at Nominal Voltage)
	Vibration 耐振動	20G (0~55Hz, 1.5mm)
Environmental 環境	Shock 耐衝擊	30G (11mS, 1/2 Sin Wave)
	Operating Temperature 使用周圍溫度	-10°C ~ +60°C
Life Expectancy 壽命	Mechanical 機械的	1×10^9 MIN. Operations
	Electrical 電氣的	DC.10mV-10mA 1×10^9 MIN. Operations (R.L.)
		Refer 14 page (IV) for Life data

Coil Specifications 線圈規格

Part Number 品名	Nominal Voltage DC $\pm 10\%$ [V] 額定電壓	Coil Resistance $\pm 10\%$ [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
MTTP-101(S)	24	150	16.0	18.0
MTTP-102(S)	12	400	30.0	9.0
MTTP-104(S)	5	100	50.0	3.9

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



Weight: about 4.2gr

備註：安裝時，UP 表示方向，

並請於垂直 30° 範圍內裝置。

