

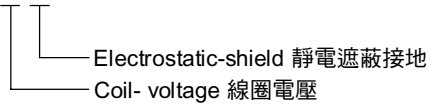
Small PC Board and Transfer 小型PC板・切換用類型

OKITA

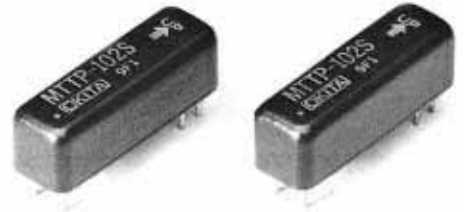
1c · Mercury Relay 1c · 水銀繼電器

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。



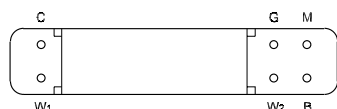
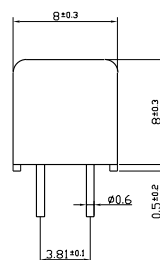
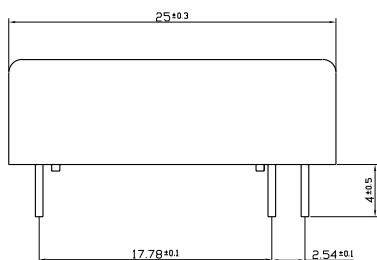
Performance 性能

| 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 1X10 ⁹ Ω 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 | 60mV Typ. |
| | Operate Time 動作時間 | (1 Pulse) 3.0mS MAX. (at Nominal Voltage) |
| | Release Time 釋放時間 | (1 Pulse) 3.0mS MAX. (at Nominal Voltage) |
| Mechanical Specifications 機械規格 | Vibration 耐振動 | 20G (0~55Hz, 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 ⁹ MIN. Operations |
| | Electrical 電氣的 | DC.10mV-10mA 1X10 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 ± 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 |
|-------------------|--|---|---------------------------------|---|
| 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)



BOTTOM VIEW

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。

