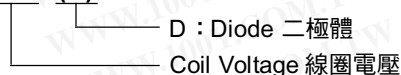


### Part Number / Feature 品名 / 特長

#### • HFS - 2A - \*\* (D)



- Since it is a miniature type, low stray capacitance, and electrostatic shield is provided, it is most suitable for tester of high frequency. Furthermore since Operate Time is high speed as 240  $\mu$ s Typ., it is most suitable for the tester of high speed. Adjacent mounting is possible. A special socket is prepared (Refer to 140-143 page).
- There is the relay, which Light Emitted Diode is equipped on a coil for checking relay operations separately.
- 屬於超小體積 低浮游電容類型，加上靜電屏蔽接地，以高頻適用且動作時間為240  $\mu$ S Typ，適用於有速度需求的測試上。除此也能緊密組裝，另也備有專用插座。(請參照第140-143 頁)也可添加確認線圈動作的發光二極體。



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)

### Performance 性能

Specifications 規格	Item 項目	Standard 規格
Contact Specifications 接點規格	Contact Form 接點型式	2a (make)
	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	0.5A
	Max. Carry Current 最大通電電流	1.0A
	Contact Resistance 接點接觸阻抗	150m $\Omega$ MAX. (Initial)
Electrical Specifications 電氣規格	Breakdown Voltage 耐電壓	Between contacts DC.200V Contacts to coil DC.300V Contacts to shield DC.300V
	Insulation Resistance 絕緣阻抗	Between all isolated pins $1 \times 10^{10} \Omega$ MIN. (DC.100V)
	Capacitance 靜電容量	Across Open contacts 0.1pF MAX. (Shield Guarding) Contact to shield 4pF MAX.
	Thermal Electromotive Force 熱起電力	40 $\mu$ V Typ.
	Operate Time 動作時間	(incl. bounce) 0.5mS MAX. (at Nominal Voltage)
	Release Time 釋放時間	0.2mS MAX. (at Nominal Voltage)
Mechanical Specifications 機械規格	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 $^{\circ}$ C ~ +60 $^{\circ}$ C
Life Expectancy 壽命	Mechanical 機械的	$1 \times 10^8$ MIN. Operations
	Electrical 電氣的	DC.10mV-10 $\mu$ A $1 \times 10^8$ MIN. Operations (R.L.) Refer 13 Page (I) for Life data.
High frequency characteristic (input output impedance 50 $\Omega$ ) 高頻特性(輸出入電阻 50 $\Omega$ )	Return Loss 反射損失	10MHz 30dB MIN. 50MHz 25dB MIN.
	Isolation 隔離絕緣	10MHz 50dB MIN. 50MHz 40dB MIN.
	Insertion Loss 插入損失	10MHz 0.12dB MAX. 50MHz 0.14dB MAX.

### Coil Specifications 線圈規格

Part Number 品名	Nominal Voltage DC $\pm 10\%$ [V] 額定電壓	Coil Resistance $\pm 10\%$ [ $\Omega$ ] at 20 $^{\circ}$ C 線圈阻抗	Nominal Current [mA] 額定電流	Must-Operate Voltage MAX.[V] at 20 $^{\circ}$ C 啟動電壓
HFS-2A-24 (D)	24	1600	15.0	16.8
HFS-2A-12 (D)	12	600	20.0	8.4
HFS-2A-04 (D)	5	160	31.3	3.8

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

