

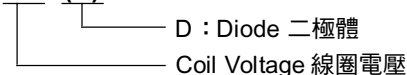
Micro-size Low Stray Capacitance Type 超小型低浮游電容類型

2a · Reed Relay 2a · 干簧繼電器

OKITA

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 μ 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 Emittted 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 μ 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)也另可添加確認線圈動作的發光二極體。



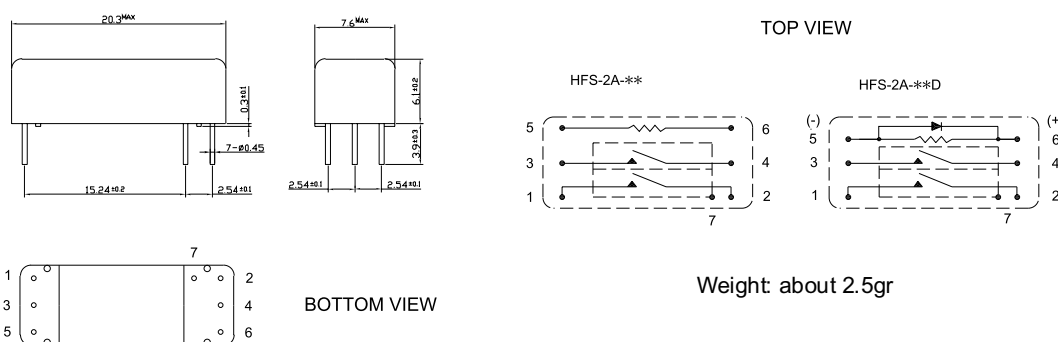
Performance 性能

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 Ω 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 μ 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	1×10^8 MIN. Operations
	Electrical 電氣的	DC.10mV-10 μ A 1×10^8 MIN. Operations (R.L.) Refer 13 Page (I) for Life data.
High frequency characteristic (input output impedance 50 Ω) 高頻特性(輸出入電阻 50 Ω)	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 $\pm 10\%$ [Ω] 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)



Weight: about 2.5gr