

Part Number / Feature 品名 / 特長

• HFS-1A- ** -R- **

絕緣電阻乘數

Insulation Resistance power specification

-11 : Insulation Resistance $> 10^{11} \Omega$ (-11 : 絶縁抵抗 $> 10^{11} \Omega$)

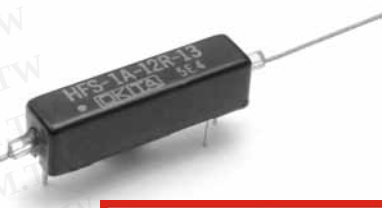
-12 : Insulation Resistance $> 10^{12} \Omega$ (-12 : 絶縁抵抗 $> 10^{12} \Omega$)

-13 : Insulation Resistance $> 10^{13} \Omega$ (-13 : 絶縁抵抗 $> 10^{13} \Omega$)

Except between coil to shield. 線圈--接地除外

Coil Voltage 線圈電壓

- 1 make-contact type, It is miniature type with high insulation and high speed. Since it is a structure of the combination of axial-lead (tubular) type and printed circuit board type relay, the leads of contact can choose various mounting methods freely. The electrostatic and magnetic shields are provided.
- 是1A接點類型。是小型，高絕緣，高頻類型，是管形電容氣和印刷電路板的組合構造，接點組裝方式可自由選擇。有靜電及磁氣屏蔽接地。



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Performance 性能

Specifications 規格	Item 項目	Standard 規格
Contact Specifications 接點規格	Contact Form 接點型式	1a (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.200V Contacts to shield DC.200V Coil to shield DC.200V
	Insulation Resistance 絕緣阻抗	Between all isolated pins 1X10 ¹⁰ Ω MIN. (DC.100V)
	Capacitance 靜電容量	Across Open contacts 0.1pF (Shield Guarding) Contact to Shield 2.0pF
	Thermal Electromotive Force 熱起電力	50mV MAX.
	Operate Time 動作時間	0.25mS MAX. (at Nominal Voltage)
	Release Time 釋放時間	0.15mS MAX. (at Nominal Voltage)
	Bounce Time 彈跳時間	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℃ ~ +60℃
	Storage Temperature 保存周圍溫度	-30℃ ~ +80℃
Life Expectancy 壽命	Mechanical 機械的	1X10 ⁸ MIN. Operations

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] at 20°C 額定電流	Must-Operate Voltage MAX.[V] at 20°C 啟動電壓
HFS-1A-24-R	24	1200	20.0	18.0
HFS-1A-12-R	12	600	20.0	9.0
HFS-1A-05-R	5	160	31.3	3.5

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

