

■ Parts Number • Feature

● HFS-1C-※※(D)(W)

Coil Voltage
W : Dual Electrostatic shield
D : with Diode

- Low stray capacitance
- 1 Form c (Transfer) type
- PCB type

■ Performance

Specifications	Item	Standard			
Contact Specifications	Contact Form	1 Form c(Transfer)			
	Contact Rating	3W			
	Max. Switching Voltage	DC.30V			
	Max. Switching Current	0.1A			
	Max. Carry Current	0.5A			
	Contact Resistance	150mΩ MAX.(Initial)			
Electrical Specifications	Breakdown Voltage	Open contacts , Between each Conductors DC.200V(1 min)			
	Insulation Resistance	1×10 ¹⁰ Ω MIN.(DC.100V)			
	Capacitance	Open contacts 0.7pF MAX.(Connect G terminal to earth) , Contact to Guard 4pF MAX.			
	Thermal Electromotive Force	40 μ V TYP.			
	Operate Time	(include bounce)	1.0msec MAX.	(at Norminal Voltage)	
	Release Time	(include bounce)	2.0msec MAX.	(at Norminal Voltage)	
Mechanical Specifications	Vibration	20G(0~2kHz,1.5mm)			
	Shock	50G(11msec,1/2 sine wave)			
Environment	Operating Temperature	-20℃~+85℃			
Life Expectancy	Mechanical	5×10 ⁷ Operations MIN.			
	Electrical	DC.10mV-10 μ A 5×10 ⁷ Operations MIN.(R.L.)			
		Please contact us for service life data.			
High Frequency Characteristics (I/O Impedance 50Ω)	Return Loss	10MHz	35dB MIN.	50MHz	25dB MIN.
	Isolation		40dB MIN.		30dB MIN.
	Insertion Loss		0.13dB MAX.		0.16dB MAX.

■ Coil Specifications

Parts Number	Normal Voltage DC±10%[V]	Coil Resistance ±10%[Ω]at20°C	Normal Current [mA]	Must Operate Voltage MAX.[V]at20°C
HFS-1C-24(D,W)	24	1,200	20.0	16.8
HFS-1C-12(D,W)	12	400	30.0	8.4
HFS-1C-05(D,W)	5	100	50.0	3.8

■ Dimensions / Terminal Identification (Unit : mm)

