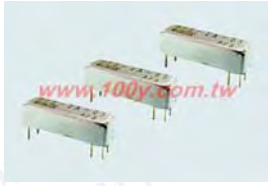


Relays & Solenoids

OKITA_PCB Relays

Detailed product specifications are available on: us.100y.com.tw



Characteristics:

- High speed as an object for high frequency
- Best for the tester which needs speed

Properties:

Environmental:

- Ambient temperature: -10 to +60 degrees Celsius
- Shock: 20G (0 to 2kHz, 1.5mm maximum)
- Vibration: 30G (11ms, 1/2 sine wave)

Contact:

- Form: 1M/1T/1M
- Rating: 10W/3W/10W
- Switching voltage: 100V/30V/100VDC maximum
- Switching current: 0.5A/0.1A/0.5A maximum
- Carry current: 1.0A/0.5A/1.0A maximum
- Contact resistance: 150m ohms (initial)

Coil:

- Rating voltage: 5, 12, 24VDC

Electrical:

- Operating time: 0.5/1.0/0.5mS maximum
- Release time: 0.2/1.5/0.2mS maximum
- Breakdown voltage: across open contacts: 200VDC/contact to shield: 300VDC/200VDC/200VDC
- Isolation resistance: 1 x 10¹⁰ ohms min. (100VDC)

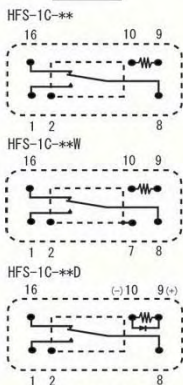
Capacitance:

- Open contacts: 0.1pF/1.5pF/0.1pF maximum
- Contact to coax-shield: 2pF/4pF/2pF maximum
- Thermal electromotive force: 40uV type
- Life expectancy: 108 operations minimum (mechanical)

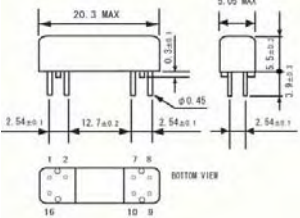
Part No.	Product No.	Manufacturer	Description	Type	Contact Arrangement	Coil Voltage	Outline L*W*H
30882	HFS-1A-12	OKITA	PCB Reed Relay(OKITA)	HFSS	1A	12V	L20*W5*H5mm
32213	HFS-1A-24	OKITA	PCB Reed Relay(OKITA)	HFSS	1A	24V	L20*W5*H5mm



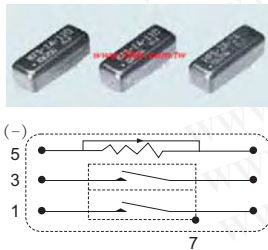
TOP VIEW



Specifications	Item	Standard
Contact point specification	Contact point rating	3W
	Maximum opening and closing voltage	DC.30V
	Largest opening and closing electric current	0.1A
	Largest electrification electric current	0.5A
	Contact resistance	150m Ω MAX. (initial value)
Electric specification	Withstand voltage	Between contact point and between DC.200V each conductor (1 minutes)
	Insulating resistance	1 × 10 ¹⁰ Ω MIN. (DC.100V)
	Thermoelectromotive force	40μV TYP
Mechanical specification	Vibration	20G(0~2kHz, 1.5mm)
	Impact	30G (11mS and Haami sine wave)
Environment	Use ambient temperature	-10 °C ~ +60 °C
Life	Mechanical	5 × 10 ⁷ time MIN.
	Electric	DC.10mV-10 μA 5 × 10 ⁸ time MIN. (resistance load)
		As for life data, test data reference

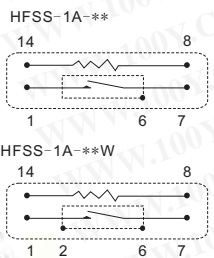


Part No.	Product No.	Manufacturer	Description	Type	Contact Arrangement	Coil Voltage	Outline L*W*H
28823	HFS-1C-05	OKITA	PCB Reed Relay(OKITA)	HFSS	1C		L20*W5*H5mm

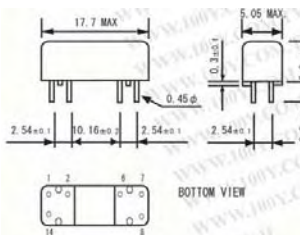


Specifications	Item	Standard
Contact point specification	Contact point rating	10W
	Maximum opening and closing voltage	DC.100V
	Largest opening and closing electric current	0.5A
	Largest electrification electric current	1.0A
	Contact resistance	150m Ω MAX. (initial value)
Electric specification	Insulating resistance	1 × 10 ¹⁰ Ω MIN. (DC.100V)
	Thermoelectromotive force	40μV TYP
Mechanical specification	Vibration	20G(0~2kHz, 1.5mm)
	Impact	30G (11mS and Haami sine wave)
Environment	Use ambient temperature	-10 °C ~ +60 °C
Life	Mechanical	5 × 10 ⁷ time MIN.
	Electric	DC.10mV-10 μA 5 × 10 ⁸ time MIN. (resistance load)
		As for life data, test data reference

Part No.	Product No.	Manufacturer	Description	Type	Coil Voltage
34319	HFS-2A-12LD	OKITA	PCB Reed Relay(OKITA)	HFS-2A	12V



Specifications	Item	Standard
Contact point specification	Contact point rating	10W
	Maximum opening and closing voltage	DC.100V
	Largest opening and closing electric current	0.5A
	Largest electrification electric current	1.0A
	Contact resistance	150m Ω MAX. (initial value)
Electric specification	Insulating resistance	1 × 10 ¹⁰ Ω MIN. (DC.100V)
	Thermoelectromotive force	40μV TYP
Mechanical specification	Vibration	20G(0~2kHz, 1.5mm)
	Impact	30G (11mS and Haami sine wave)
Environment	Use ambient temperature	-10 °C ~ +60 °C
Life	Mechanical	5 × 10 ⁸ time MIN.
	Electric	DC.10mV-10 μA 5 × 10 ⁸ time MIN. (resistance load)
		As for life data, test data reference



Part No.	Product No.	Manufacturer	Description	Type	Contact Arrangement	Contact Rating	Coil Voltage	Outline L*W*H
21953	HFSS-1A-05WL	OKITA	PCB Reed Relay(OKITA)	HFS	1A	100Vdc/0.5A	5V/31.3mA	L17.7*W5.05*H5.3mm

