



Relays & Solenoids

Matsushita_PCB Relays

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



FEATURES

- Slim size
- High dielectric withstanding: 10,000V surge

Contact material (Optional material): Gold-clad silver

Contact arrangement: 1a, 1c, 2a, 2c

Life (min operation)

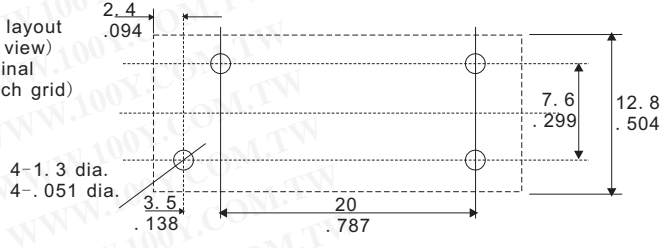
Electrical: 10⁵
Mechanical: 5x10⁶

Surge withstand voltage: 10,000V surge

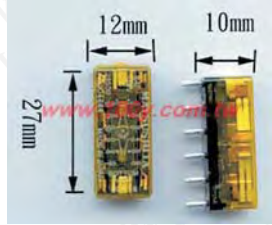
Coil voltage: (DC) 5, 6, 9, 12, 24, 48V

Nominal operating power: 530mW

Terminal layout (Bottom view) coil terminal (.100 inch grid)

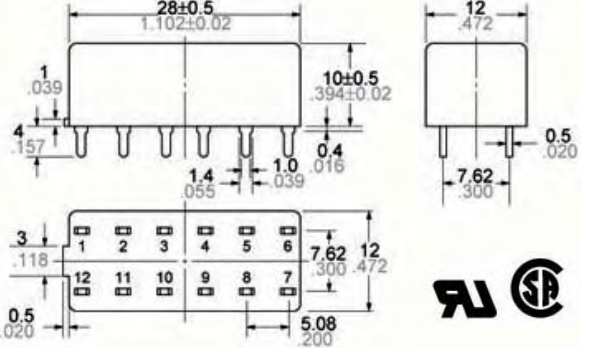


Part No.	Product No.	Manufacturer	Description	Outline L*W*H	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Type
37230	RL-JW1FHN-DC12V	MATSUSHITA	MATSUSHITA DC 12V 530mW slightness IC Relays	28.6*12.8*20	1C	5A 250VAC/5A 30VDC	12V	UL,TV,CSA	JW
37232	RL-JW2HN-DC12V	MATSUSHITA	MATSUSHITA DC 12V 530mW slightness IC Relays	28.6*12.8*20	2C	10A 250VAC/10A 30VDC	12V	UL,TV,CSA	JW



FEATURES

- A variety of contact arrangements 2 Form A 2 Form B, 3 Form A 1 Form B, 4 Form A
- Latching types available
- High sensitivity in small size 100 mW pick-up and 200 mW nominal operating power
- High shock and vibration resistance Shock: 50 G
Vibration: 10 to 55 Hz at double amplitude of 3 mm .118 inch
- Wide switching range From 100 mA 100 mV DC to 4 A 250 V AC
- Low thermal electromotive force Ap-prox. 3 mV
- Dual-In-Line packaging arrangement• Amber types available



SPECIFICATIONS

Contacts

Initial contact resistance, max. (By voltage drop 6 V DC 1 A): 50 mΩ
Initial contact pressure: Approx. 12 g .42 oz
Contact material: Gold clad silver alloy
Electrostatic capacitance: Approx. 3pF
Thermal electromotive force (at nominal coil voltage): Approx. 3μV
Rating (resistive)

Nominal switching capacity: 4 A 250 V AC, 3 A 30 V DC
Maximum switching power: 1,000 VA, 90 W
Maximum switching voltage: 250 V AC, 30 V DC (48 VDC at less than 0.5 A)

Max. switching current: 4 A (AC), 3 A (DC)
Min. switching capacity**1: 100 mA 100 mV DC

Expected life (min. Operations)

Mechanical (at 50 cps): 10⁸
Electrical (at 20 cpm): 4 A 250 V AC: 10⁵ 3A 30V DC: 2X10⁵

Coil (polarized) (at 20 ° C 68 ° F)

Single side stable

Minimum operating power: Approx. 100 mW
Nominal operating power: Approx. 200 mW

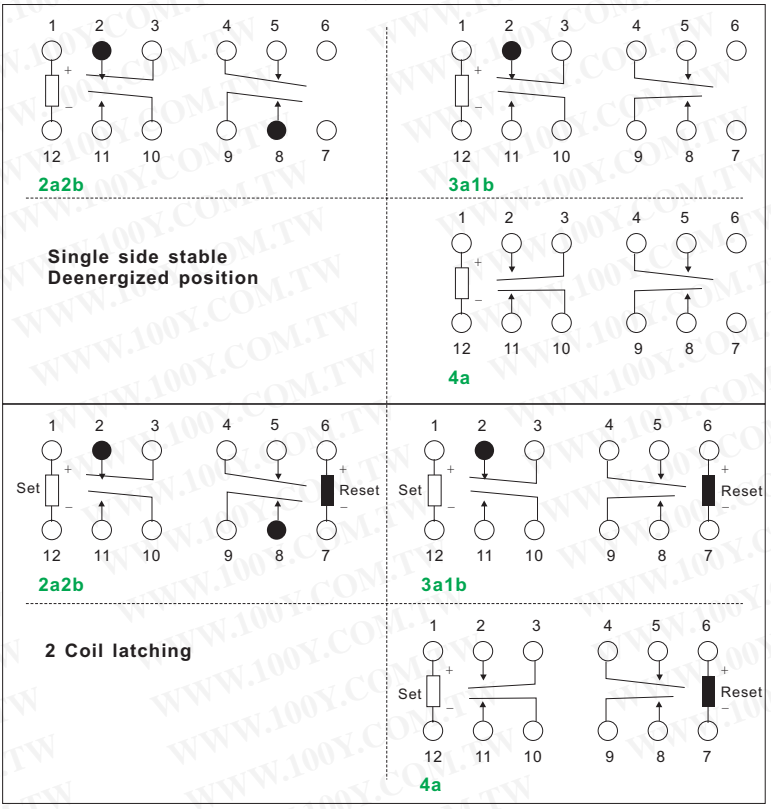
Latching

Minimum set and reset: Approx. 100 mW
Nominal set and reset: Approx. 200 mW

Characteristics (at 25 ° C 77 ° F 50% Relative humidity)

Max. operating speed: 20 cpm for maximum load, 50 cps for low-level load (1 mA 1 V DC)

Unit weight: Approx. 8 g .28 oz



Part No.	Product No.	Manufacturer	Description	Outline L*W*H	Contact Rating	Coil Voltage	Type
12955	S4E-DC24V	MATSUSHITA	PCB Relays	27*12*10mm	4A/250V 3A/30VDC	24VDC	S4E



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