



- Incorporates relay terminals separated from coil terminal, thus making it possible to design PCB patterns with ease.
- Dielectric strength of 2000V between the coil and contacts and an impulse withstand voltage of 5000V for greater safety
- Greater range of applicability with the addition of high-capacity relays (8A) to standard relays (5A).
- TUV recognized.

SPECIFICATIONS

Contact

Arrangement	1A; 1B; 1C
Contact Material	Silver alloy
Contact Resistance (By voltage drop 6V 1A)	Max.100mΩ
Rating	
Resistive load (cosφ=1)	8A 125VAC 5A 250VAC 5A 30VDC
Inductive load (cosφ=0.75~0.8)	4A 120VAC 4A 30VDC
Max. Switching current	8A
Max. Switching power	1300VA 150W
Expected life (min. ope) Mechanical(at 120 cpm)	1×10 ⁷
Electrical (at 20 cpm)	1×10 ⁵

Characteristics

Operate Time	Max.10msec.	
Release Time	Max.10msec.	
Operating humidity	45 to 80% RH	
Initial breakdown voltage Between coil & contact Between open contacts	2000VAC (50/60Hz)for 1 min. 750VAC (50/60Hz)for 1 min.	
Insulation Resistance	Min.1000MΩ (500 VDC)	
Ambient temperature	-40°C ~ +80°C	
Shock Resistance	Functional	Min. 10G
	Destruction	Min. 50G
Vibration Resistance	Functional	10 to 55 Hz at double Amplitude of 1.5mm
	Destruction	10 to 55 Hz at double Amplitude of 1.5mm
Insulation withstand voltage	5000V 1.2×50μs(between coil and contacts)	
Unit weight	Approx.9.5g	

Coil

Nominal operating power	0.36W
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TYPICAL APPLICATIONS

1. Home appliances: Oven, range, dryer, heater, air conditioner, etc.
2. Automotive.
3. Garage door opener.
4. Personal computer.
5. Programmable controller.

ORDERING INFORMATION

WJ106 - 1 C - 5VDC

1 2 3 4

1. Type	2. Number of pole	3. Contact form	4. Coil voltage (DC)
WJ106	1:1pole	A: 1 form A B: 1 form B C: 1 form C	5, 6, 9, 12, 24, 48V

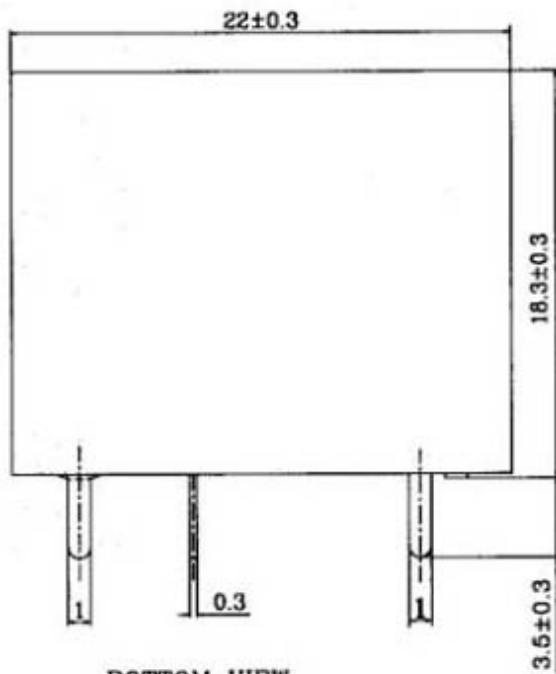
COIL DATA (at 20°C)

Nominal Voltage (VDC)	Coil Resistance (Ω) \pm 10%	Power Consumption (W)	Pull-in Voltage (VDC)	Drop-out Voltage (VDC)	Max.Allowable Voltage (VDC)
5	70	0.36	75%Max.	5%Min.	130% of nominal Voltage
6	100				
9	225				
12	400				
24	1600				
48	6400				

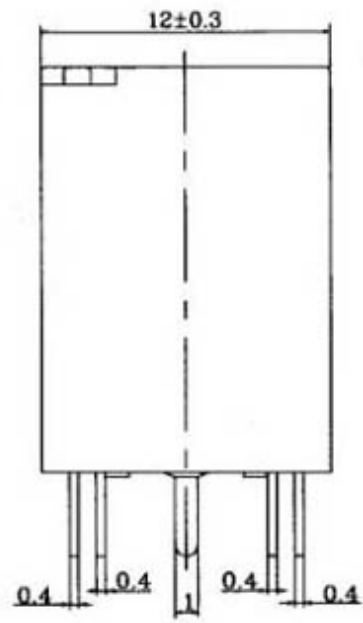
DIMENSIONS

Unit: mm

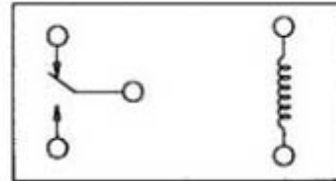
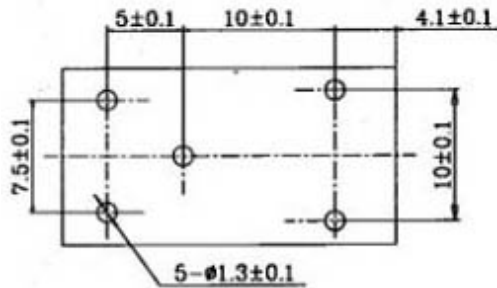




BOTTOM VIEW



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Quality policy:

Today's quality is our future market;
Vendors'satisfaction is our pursuing goal.

Environment policy:

Keeping the system,Abiding by laws;
Innovation in technology,Precaution in pollutions;
Propaganda & education,Continual improvement.