



Relays for advanced technology

# AUTOMOTIVE RELAY

# WJ201-RELAYS



- Single contact types offer switching capacity 15A in small size for exclusive automobile control relay switching box use.
- Low cost and high performance.
- Dust cover available.
- Sealed type is available.

## SPECIFICATIONS

### Contact

Item	Type	WJ201	wj201W
Arrangement		1A;1C	
Contact Material		Silver alloy	
Contact Resistance (By voltage drop 6V 1A)		Max. 100mΩ	
Rating		10A	15A
Nominal switching capacity		14VDC	14VDC
Resistive load			
Max. Switching Current		10A	15A
Max. Switching Power		210W	140W
Expected life (min. ope)		5×10 <sup>7</sup>	
Mechanical (at 120 cpm)			
Electrical (at 20 cpm)		5×10 <sup>5</sup>	

### Characteristics

Item	Type	WJ201(W)
Operate Time		Max. 10msec.
Release Time		Max. 5msec.
Initial breakdown voltage		500VAC (50/60Hz)for 1 min. 1000VAC (50/60Hz)for 1 min.
Between coil & contact		
Between open contacts		
Insulation Resistance		Min.100MΩ (500 VDC)
Ambient temperature		-40° ~ +85°C
Operating humidity		45 to 85% RH
Shock Resistance	Functional	Min. 10G
	Destruction	Min. 100G
	Functional	10 to 55 Hz at double Amplitude of 1.5mm
	Destruction	10 to 55 Hz at double Amplitude of 1.5mm
Unit weight		abt.5.5g

### COIL DATE

Coil Consumption	sensitive:1.1W
Coil Voltage	3 - 240VDC
Coil Resistance	see COIL SPECIFICATION below

### COIL SPECIFICATION (at 20°C)

Nominal Voltage (VDC)	Coil Resistance (Ω)±10%	Nominal operating power (W)	Pick-up Voltage (VDC)	Drop-out Voltage (VDC)	Max. Allowable Voltage (VDC)
5	23	abt. 1.1	70% Max.	5% Min.	150% of nominal Voltage
6	33				
9	74				
12	130				
15	204				
18	296				
24	524				

### ORDERING INFORMATION



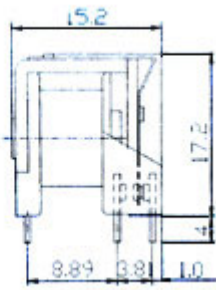
① Type	② Number of pole	③ Contact form	④ TYPE	⑤ Coil voltage(DC)
WJ201(W)	1 : 1 pole	A: 1 form A C: 1 form C	Nil:SEALED TYPE O: OPEN TYPE	3, 5, 6, 9, 10,12, 24V

# DIMENSIONS

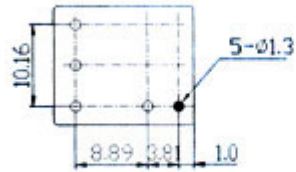
Unit: mm

## OPEN TYPE

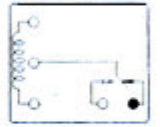
WJ201



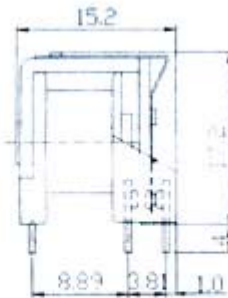
(BOTTOM VIEW)



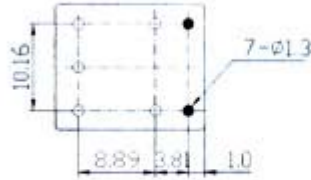
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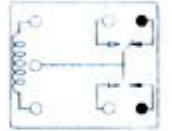
WJ201W



(BOTTOM VIEW)

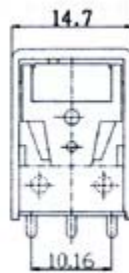
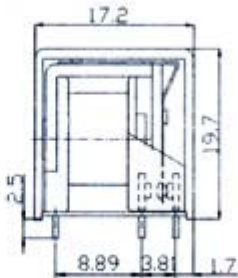


(BOTTOM VIEW)



## SEALE TYPE

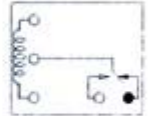
WJ201



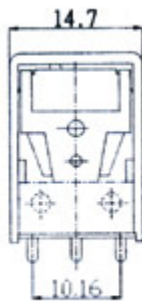
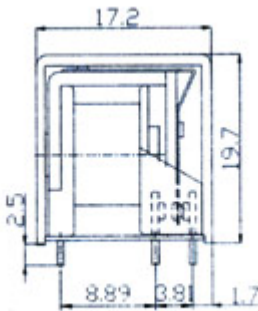
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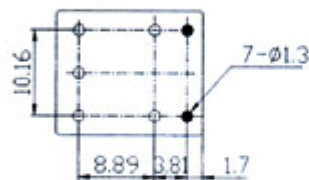
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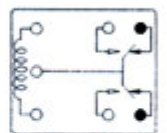
WJ201W



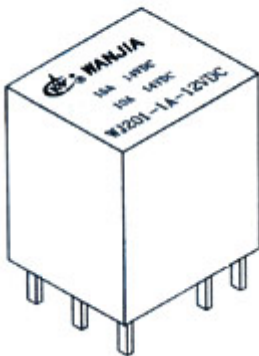
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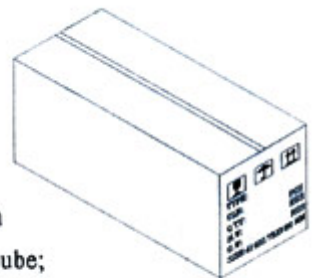
(BOTTOM VIEW)



## pattern of printing



## Packing



MEAS: 410x175x180mm

25pcs per plastic tube;

40pcs plastic tubes per carton;

1000pcs Relays for total per carton;

weight: Approx 12Kg;

## Quality policy:

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

## Environmental policy:

Keeping the system safe, Abiding by laws;  
Innovation in technology, Prevention of pollution;  
Advertising & education, Continuous improvement.

Note: The relative changes for the specification will not be advised in the future.