

- Ultra-small type with dimensions.
- High sensitivity: 200mW nominal operating power.
- Sealed type available.
- Low coil power consumption.

SPECIFICATIONS

Contact

Item	Type	WJ102(K)
Arrangement		1A;1C
Contact Material		Silver alloy
Contact Resistance (By voltage 6V 1A)		Max.100mΩ
Rating		3A 120VAC 3A 24DC
Nominal switching capacity		
Resistive load		
Max.Switching voltage		120VAC 60VCD
Max.Switching current		3A
Max.Switching power		360VA/72W
Expected life(min.ope)		
Mechanical(at 120 cpm)		1×10 ⁷
Electrical(at 20 cpm)		1×10 ⁵

Characteristics

Item	Type	WJ102(K) (0.36W)	WJ102(K)H (0.2W)
Operate Time		Max.8msec.	Max.10msec.
Release Time		Max.4msec.	
Initial breakdown voltage		500VAC (50/60Hz)for 1 min.	
Between coil & contact		500VAC (50/60Hz)for 1 min.	
Between open contacts		500VAC (50/60Hz)for 1 min.	
Insulation Resistance		Min. 100MΩ(500 VDC)	
Ambient temperature		-30°C ~ +60°C	-30°C+75°C
Operating humidity		45 to 85%RH	
Shock Resistance	Functional	Min. 10G	
	Destruction	Min.100G	
Vibration Resistance	Functional	10 to 55 Hz at double Amplitude of 1.5mm	
	Destructive	10 to 55 Hz at double Amplitude of 1.5mm	
Unit weight		Approx.3.5g	

Coil DATE

Coil Consumption	sensitive:0.369W Hi-Sensitivity:0.2W
Coil Voltage	3-24VCD
Coil Resistance	see COIL SPECIFICATION below

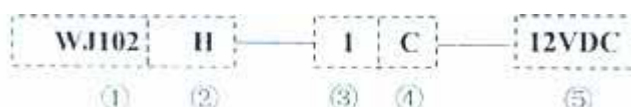
UL/C-UL Rating file No:E196453

Resistive load (cosφ=1)	3A 120VAC 3A 24VDC
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COIL SPECIFICATION (at 20° C)

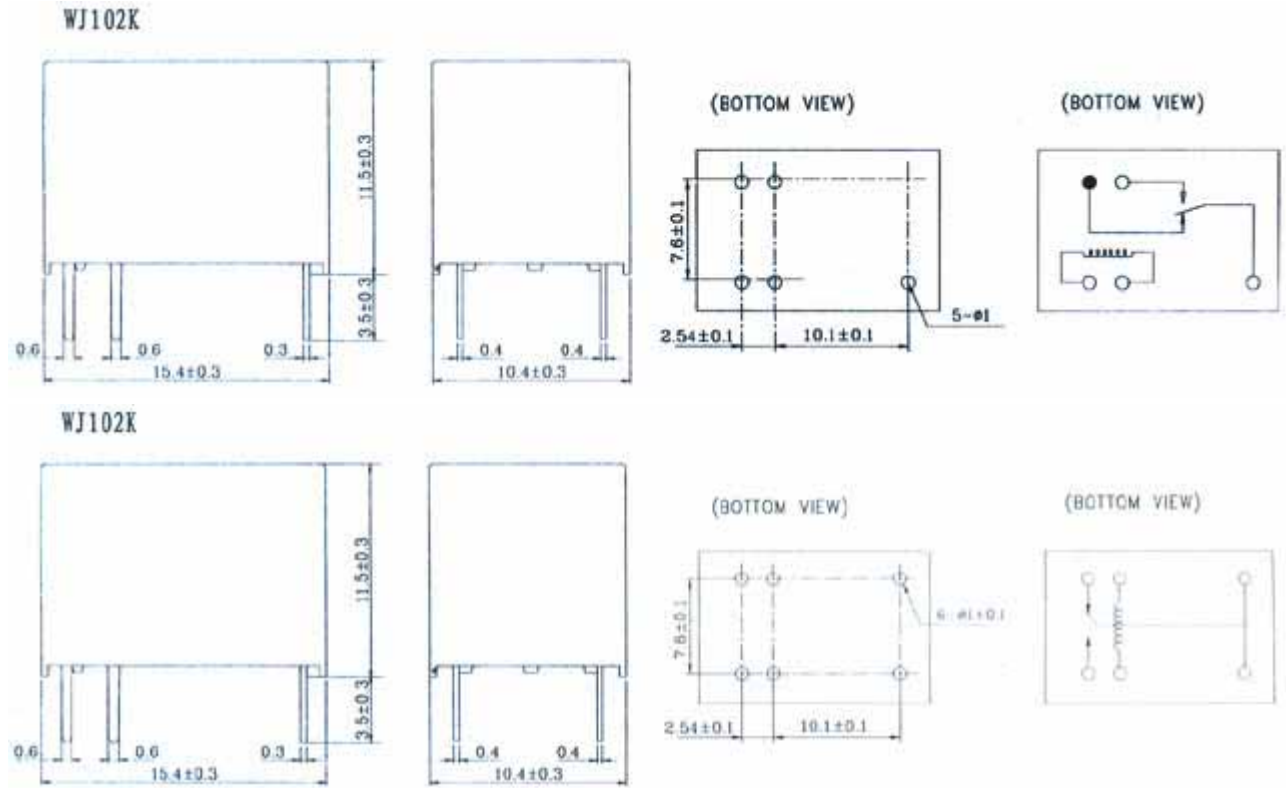
Nominal Voltage (VDC)	Coil Resistance (Ω)±10%	Nominal operating power (W)	Coil Resistance (Ω)±10%	Nominal operating power (W)	Pick-up Voltage VDC	Drop-out Voltage VDC	Max.Allowable Voltage
3	25	0.36	45	0.2	75%Max.	5%Min.	110%of nominal Voltage
5	70		120				
6	100		180				
9	220		400				
12	400		700				
24	1600		2280				

ORDERING INFORMATION

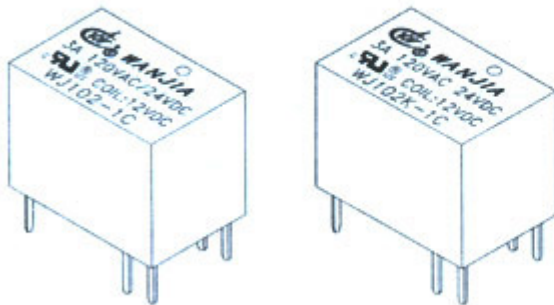


Type	Coil sensitivity	Number of pole	Contact form	Coil voltage(DC)
WJ102	Nil: 0.36W	1:1pole	A: form A	3, 5, 6, 9,
WJ102K	H: 0.2W		C: form C	12,18,24V,48

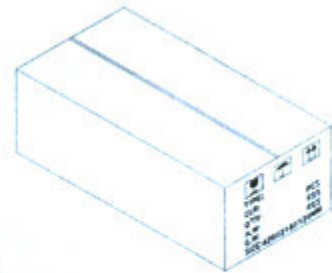
DIMENSIONS Unit: mm



pattern of printing



Packing



MEAS: 420x218x120mm
 25pcs per plastic tube;
 80pcs plastic tubes per carton;
 2000pcs Relay for total per carton;
 weight: Approx 9Kg;

Quality policy:

Today's quality is our future market;
 Pursuing vendor satisfaction is our goal.

Environment policy:

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