



- Ultra-miniature size with universal footprint.
- Sealed type available.
- UL/C-UL; TUV recognized.

SPECIFICATIONS
Contact

Arrangement	1A, 1B 1C
Initial contact Material	Silver alloy
Contact Resistance (By voltage 6V 1A)	Max.100mΩ
Rating	
Nominal switching capacity	10A 240VAC
Resistive load	10A 28VDC
Max. Switching voltage	250VAC 30VDC
Max. Switching current	10A
Max. Switching power	2400VA 280W
Expected life (min. ope)	
Mechanical(at 300 cpm)	1×10^7
Electrical (at 20 cpm)	1×10^5

Characteristics

Operate Time	Max. 10msec.	
Release Time	Max. 8msec.	
Operating humidity	45 to 85% RH	
Initial breakdown voltage		
Between coil & contact	2000VAC (50/60Hz)for 1 min.	
Between open contacts	750VAC (50/60Hz)for 1 min.	
Insulation Resistance	Min. 100MΩ (500 VDC)	
Ambient temperature	-40°C ~ +85°C	
Shock Resistance	Functional	Min. 10G
	Destruction	Min. 100G
Vibration Resistance	Functional	10 to 55 Hz at double Amplitude of 1.5mm
	Destruction	10 to 55 Hz at double Amplitude of 1.5mm
Unit weight	Approx.11g	

Coil DATE

Coil Consumption	0.36W
Coil Voltage	3 - 48VDC
Coil Resistance	see COIL SPECIFICATION below

UL/C-UL Rating

Resistive load	10A 1240VAC
	10A 28VDC
Inductive load ($\cos\phi=0.75$)	3A 125VAC

TUV Rating

Resistive load ($\cos\phi=1$)
NO.:10A 240VAC/24VDC
NO.:8A 240VAC/24VDC

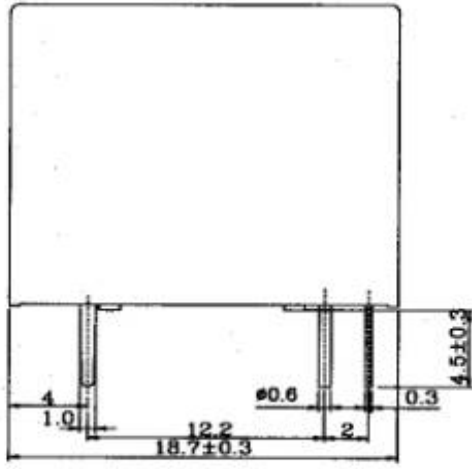
COIL SPECIFICATION (at 20°C)

Nominal Voltage (VDC)	Coil Resistance (Ω) ± 10%	Nominal operating power (W)	Pick-up Voltage (VDC)	Drop-out Voltage (VDC)	Max.Allowable Voltage (VDC)
3	25	abt. 0.36	75% Max.	5% Min.	130% of nominal Voltage
5	69				
6	100				
9	225				
12	400				
24	1600				
48	6400				

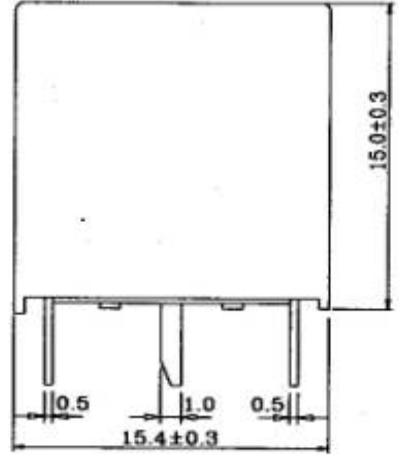
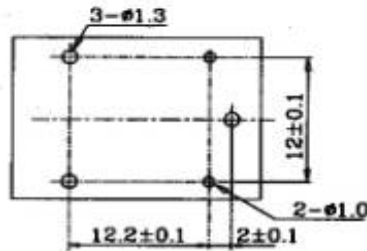
ORDERING INFORMATION


① Type	② Number of pole	③ Contact form	④ Coil voltage(DC)
WJ108	1 : 1pole	A: form A B: form B C: form C	3, 5, 6, 9, 12 24, 48 V

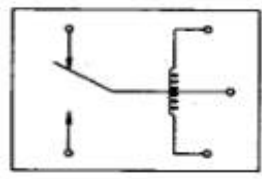
DIMENSIONS Unit: mm



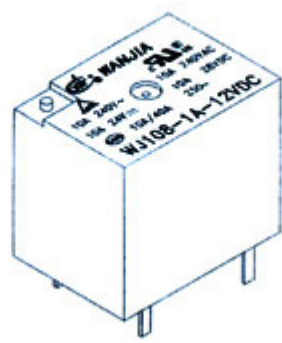
(BOTTOM VIEW)



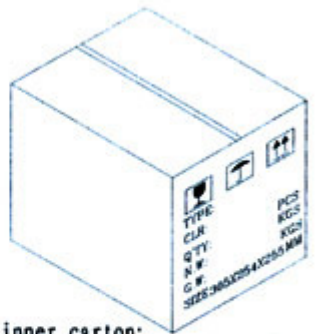
(BOTTOM VIEW)



pattern of printing



Packing



MEAS: 305x254x255mm
 50pcs per plastic tube;
 80pcs plastic tubes per inner carton;
 4pcs inner cartons per outer carton;
 1000pcs Relays for total outer carton;
 weight: Approx 12.1Kg;

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.

