



- Ultra-miniature size with universal footprint.
- High contact capacity: 12A.
- Sealed type available.
- Low coil power consumption.
- UL/C-UL recognized.
- TUV recognized.

### SPECIFICATIONS

#### Contact

Arrangement	1A, 1B 1C
Contact Material	Silver alloy
Contact Resistance (By voltage 6V 1A)	Max.100mΩ
Rating	
Nominal switching capacity	12A 125VAC 7A 240VAC
Resistive load	10A 28VDC
Max. Switching voltage	250VAC 28VDC
Max. Switching current	12A
Max. Switching power	1750VA 280W
Expected life (min.ope)	
Mechanical (at 180 cpm)	$1 \times 10^7$
Electrical (at 20 cpm)	$1 \times 10^5$

#### Characteristics

Operate Time	Max.10msec.	
Release Time	Max.8msec.	
Operating humidity	45 to 85% RH	
Initial breakdown voltage		
Between coil & contact	1500VAC (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	
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
	Destruction	10 To 55 Hz at double Amplitude of 1.5mm
Unit weight	Approx.9g	

#### Coil DATE

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

#### UL/C-UL Rating

Resistive load (cosφ=1)	12A 125VAC 10A 28VDC 7A 250VAC
Inductive load (cosφ=0.75-0.8)	3-48VDC
Only 1A Type resistive load (cosφ=1)	10A 250VAC 15A 125VAC

#### TUV Rating

Resistive load (cosφ=1)
7A 250VAC 7A 28VDC

### COIL SPECIFICATION (at 20°C)

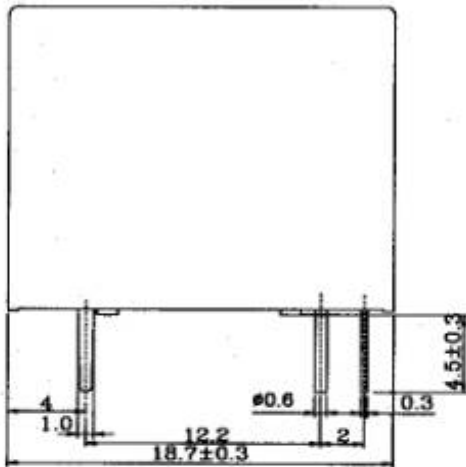
Nominal Voltage (VDC)	Coil Resistance (Ω)±10%	Nominal operating power (W)	Pick-up Voltage VDC	Drop-out Voltage VDC	Max.Allowable Voltage
3	25	0.36	75%Max.	5%Min.	130%of nominal Voltage
5	69				
6	100				
9	225				
12	400				
24	1600				
48	6400				

### ORDERING INFORMATION

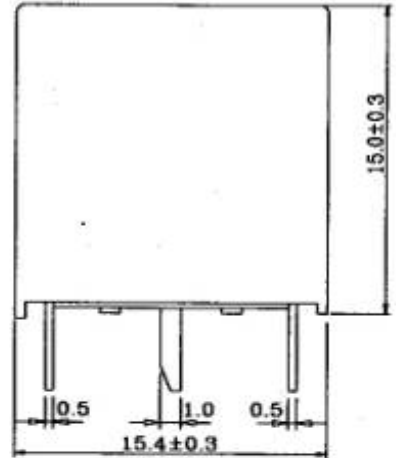


① Type	② Number of pole	③ Contact form	④ Coil voltage (DC)
WJ107	1:1pole	A: form A B: form B	Coil : 3, 5, 6, 9, 12, 18, 24, 48V

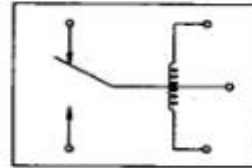
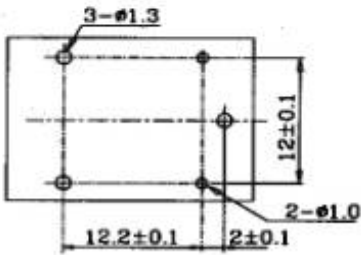
# DIMENSIONS Unit: mm



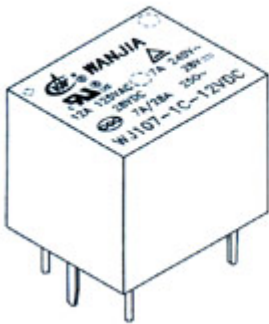
(BOTTOM VIEW)



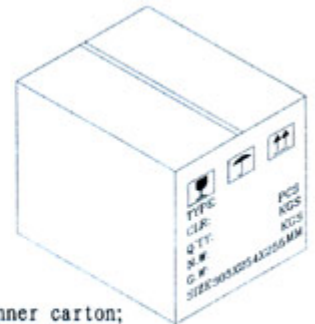
(BOTTOM VIEW)



## 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 10.5Kg;

## 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.