



- Ultra-miniature size with universal footprint.
- High contact capacity: 15A.
- Sealed type available.
- Low coil power consumption.
- UL/C-UL recognized.
- TV-5 rated types available.
- TUV recognized.

SPECIFICATIONS

Contact

Arrangement	1A, 1B, 1C
Contact Material	Silver alloy
Contact Resistance (By voltage 6V 1A)	Max. 100mΩ
Rating	15A 120VAC
Nominal switching capacity Resistive load	10A 240VAC 10A 24VDC
Max. Switching voltage	240VAC 100VDC
Max. Switching current	15A
Max. Switching power	2400VA 240W
Expected life (min. ope)	
Mechanical (at 180 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 Between open contacts	1500VAC (50/60Hz) for 1 min. 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. 12g	

Coil DATE

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

UL/C-UL Rating

Resistive load (cosφ=1)	15A 120VAC
	12A 120VAC
	10A 120VAC
	10A 120VDC
Inductive load (cosφ=0.75 ~ 0.85)	TV-5 120VAC
	4A 120VAC

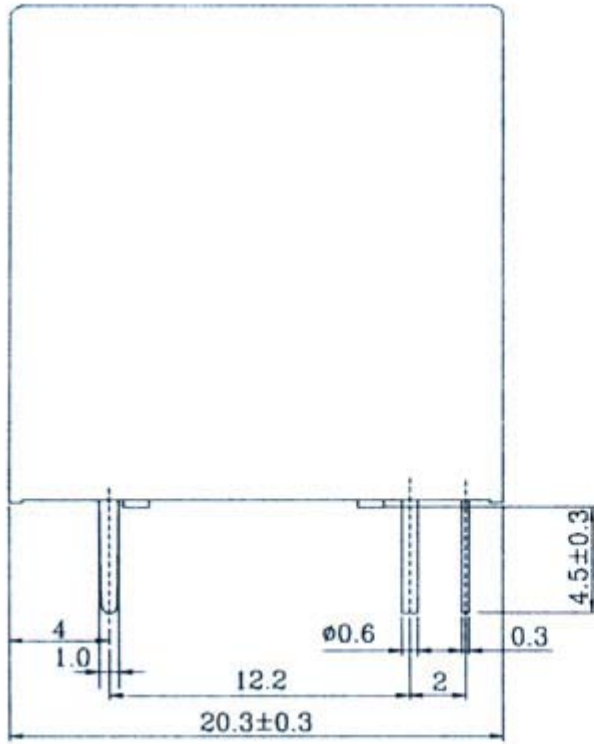
TUV Rating

Resistive load (cosφ=1)	10A 240VAC 10A 24VDC
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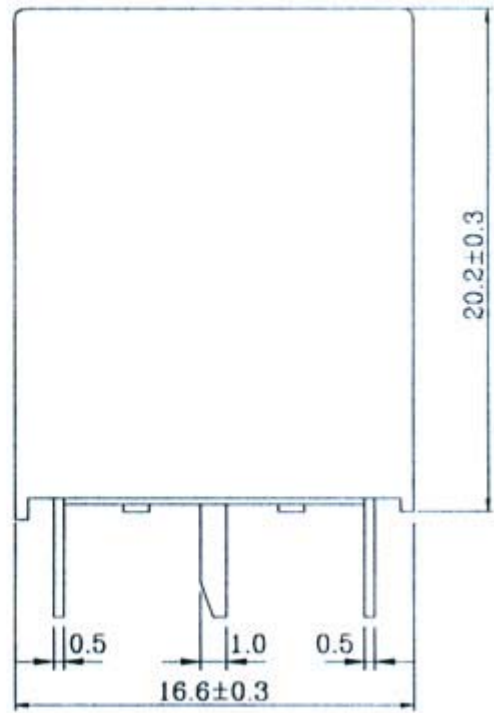
COIL SPECIFICATION (at 20°C)



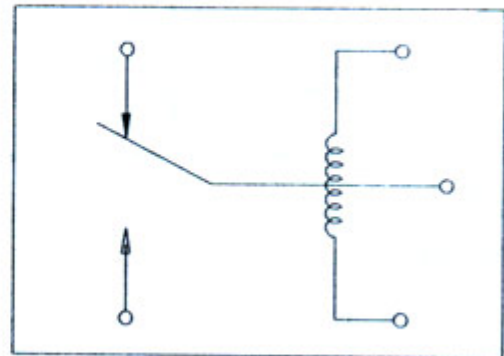
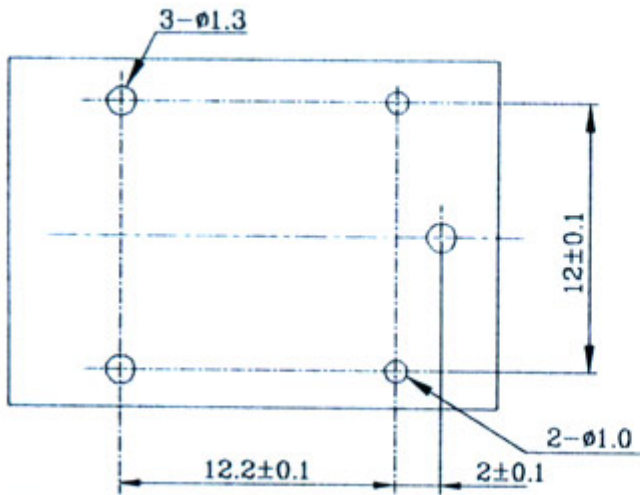
① Type	② Number of pole	③ Contact form	④ Coil voltage(DC)
WJ110	1:1pole	A: form A B: form B C: form C	3, 5, 6, 9, 12, 18, 24 48V



(BOTTOM VIEW)



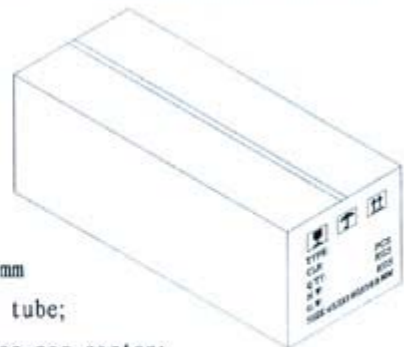
(BOTTOM VIEW)



pattern of printing



Packing



MEAS: 452x190x168mm
 25pcs per plastic tube;
 40pcs plastic tubes per carton;
 1000pcs Relays for total per carton;
 weight: Approx 15Kg;

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.