

Distributor: Electro-Stock www.electrostock.com Tel: 630-682-1542 Fax: 630-682-1562

FEATURES:

- Switching capacity up to 10A
- PC pin terminals
- Uses include household appliances
- High inrush capability
- Strong resistance to shock and vibration





22.5 x 12.5 x 19.0 mm

CONTACT DATA

Contact Arrangement	1A = SPST N.O.	
_	1C = SPDT	
Contact Rating	10A @ 125VAC resistive	
	5A @ 250VAC resistive	
Contact Resistance	< 50 milliohms initial	
Contact Material	AgSnO ₂	* %
Maximum Switching Power	1250 VA	4,35
Maximum Switching Voltage	300VAC	* A 3"
Maximum Switching Current	10A	20 75

DC COIL DATA

	oltage DC	Coil Resistance $\Omega \pm 10\%$	Pick Up Voltage VDC (max) 75%	Release Voltage VDC (min) 5%	Coil Power W	Operate Time ms	Release Time ms
Rated	Max.	.36W	of rated voltage	of rated voltage			
6	7.8	100	4.50	.30			
12	15.6	400	9.00	.60	.36	10	10
24	31.2	1600	18.00	1.2			

CAUTION:

- 1. The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.
- 2. Pickup and release voltages are for test purposes only and are not to be used as design criteria.

GENERAL DATA

Electrical Life @ rated load	100K cycles, typical		
Mechanical Life	10M cycles, typical		
Insulation Resistance	100MΩ min @ 500VDC		
Dielectric Strength, Coil to Contact	2000V rms min. @ sea level		
Contact to Contact	1000V rms min. @ sea level		
Shock Resistance	100m/s ² for 11ms		
Vibration Resistance	1.5mm double amplitude 10-40Hz		
Terminal (Copper Alloy) Strength	5N		
Operating Temperature	-30 °C to + 55 °C		
Storage Temperature	-40 °C to + 85 °C		
Solderability	230 °C ± 2 °C for 10 ± 0.5s		
Weight	8.6g		

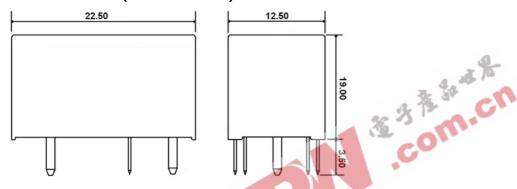


Distributor: Electro-Stock www.electrostock.com Tel: 630-682-1542 Fax: 630-682-1562

ORDERING INFORMATION

1. Series: WJ127	WJ127	1A	S	12VDC
2.Contact Arrangement: 1A = SPST N.O. 1C = SPDT				
3. Sealing Options: S = Sealed (standard) C = Dust Cover				
4. Coil Voltage: 6VDC				
12VDC				
24VDC				

DIMENSIONS (Units = mm)



SCHEMATICS & PC LAYOUTS (BOTTOM VIEWS)

