

Distributor: **Electro-Stock** [www.electrostock.com](http://www.electrostock.com) Tel: 630-682-1542 Fax: 630-682-1562

## FEATURES:

- Monostable
- Passes FCC part 68
- Ultra low profile, 5.00mm height
- UL/CUL certified



**UL** **us** **E197851**

14.0 x 9.0 x 5.0 mm

## CONTACT DATA

Contact Arrangement	2C = DPDT bifurcated contact
Contact Rating	1A @ 30VDC .5A @ 125VAC
Contact Resistance	< 50 milliohms initial
Contact Material	AgPd stationary contact Au plated
Maximum Switching Power	30W
Maximum Switching Voltage	250VAC, 220VDC
Maximum Switching Current	1A

## COIL DATA - Monostable

Coil Voltage VDC  (Monostable)		Coil Resistance $\Omega \pm 10\%$	Pick Up Voltage VDC (max)  75% of rated voltage	Release Voltage VDC (min)  10% of rated voltage	Coil Power W	Operate Time ms	Release Time ms
Rated	Max.						
3	3.9	64.3	2.25	0.3	.14	2	1
4.5	5.7	145	3.38	0.45			
5	6.5	178	3.75	0.5			
6	7.8	257	4.50	0.6			
9	11.7	579	6.75	0.9			
12	15.6	1028	9.00	1.2	.20		
24	31.2	2880	18.00	2.4			

## CAUTION:

1. The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.

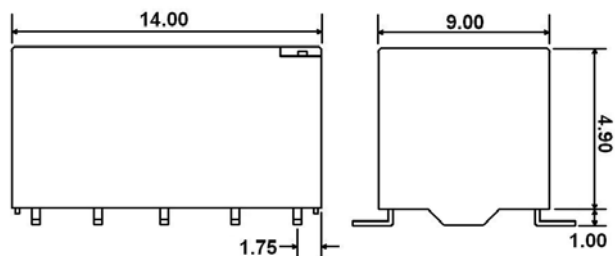
## GENERAL DATA

Electrical Life @ rated load	200K cycles, typical
Mechanical Life	100M cycles, typical
Capacitance: Between open contacts	0.4pF
Between coil and contacts	0.9pF
Between contact poles	0.2pF
Insulation Resistance	100M $\Omega$ min @ 500VDC
Dielectric Strength: Coil to Contact	1000V rms min. @ sea level
Contact to Contact	1000V rms min. @ sea level
Shock Resistance	500m/s <sup>2</sup> for 11ms
Vibration Resistance	3mm double amplitude 10-40Hz
Terminal (Copper Alloy) Strength	5N
Operating Temperature	-40 °C to + 85 °C
Storage Temperature	-40 °C to + 155 °C
Solderability	230 °C $\pm$ 2 °C for 10 $\pm$ 0.5s
Weight	1.5g

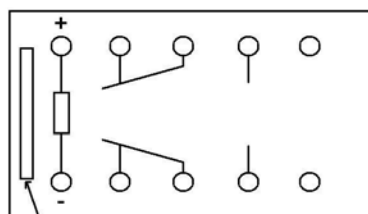
## ORDERING INFORMATION

<b>1. Series:</b>	WJ850SM	2C	S	L1	6VDC
WJ850SM					
<b>2. Contact Arrangement:</b>					
2C = DPDT					
<b>3. Sealing Options:</b>					
S = Sealed					
<b>4. Operating Function:</b>					
Blank = Monostable					
<b>5. Coil Voltage:</b>					
3VDC					
4.5VDC					
5VDC					
6VDC					
9VDC					
12VDC					
24VDC					

## DIMENSIONS (Units = mm)



## SCHEMATICS & PC LAYOUTS (BOTTOM VIEWS)



INDEX MARK

**MONOSTABLE**

