

FEATURES:

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



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 | | | |
| 24 | 31.2 | 2880 | 18.00 | 2.4 | .20 | | |

CAUTION:

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

GENERAL DATA

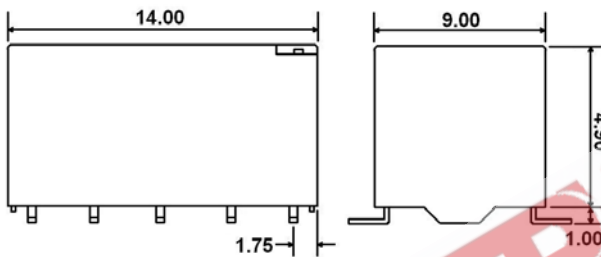
| | |
|--------------------------------------|-------------------------------------|
| Electrical Life @ rated load | 200K cycles, typical |
| Mechanical Life | 100M cycles, typical |
| Capacitance: Between open contacts | 0.4pF |
| Between coil and contacts | 0.9pF |
| Between contact poles | 0.2pF |
| Insulation Resistance | 100M Ω min @ 500VDC |
| Dielectric Strength: Coil to Contact | 1000V rms min. @ sea level |
| Contact to Contact | 1000V rms min. @ sea level |
| Shock Resistance | 500m/s ² 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 |

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

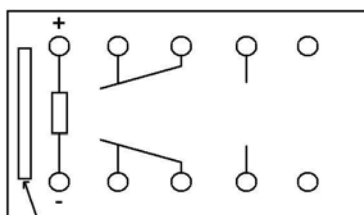
ORDERING INFORMATION

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

DIMENSIONS (Units = mm)



SCHEMATICS & PC LAYOUTS (BOTTOM VIEWS)



INDEX MARK

MONOSTABLE

