



CIT **us** RoHS Compliant

J850

E197851

14.0 x 9.0 x 4.9 mm

Features

- Monostable
- Passes FCC part 68
- Ultra low profile, 4.90mm height
- UL/CUL certified

Contact Data

Contact Arrangement	2C = DPDT, bifurcated contact
Contact Rating	1A @ 30VDC .5A @ 125VAC

Contact Resistance	< 50 milliohms initial
Contact Material	AgPd, Au plated
Maximum Switching Power	30W
Maximum Switching Voltage	250VAC, 220VDC
Maximum Switching Current	1A

Coil Data

Coil Voltage VDC		Coil Resistance Ω +/- 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	0.30	.14	2	1
4.5	5.7	145	3.38	0.45			
5	6.5	178	3.75	0.50			
6	7.8	257	4.50	0.60			
9	11.7	579	6.75	0.90			
12	15.6	1028	9.00	1.20	.20		
24	31.2	2880	18.00	2.40			

General Data

Electrical Life @ rated load	200K cycles, typical
Mechanical Life	100M cycles, typical
Insulation Resistance	100M Ω min. @ 500VDC
Dielectric Strength, Coil to Contact Contact to Contact	1000V rms min. @ sea level 1000V rms min. @ sea level
Shock Resistance	500m/s ² for 11 ms
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	260°C for 5 s
Weight	1.5g

Caution

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

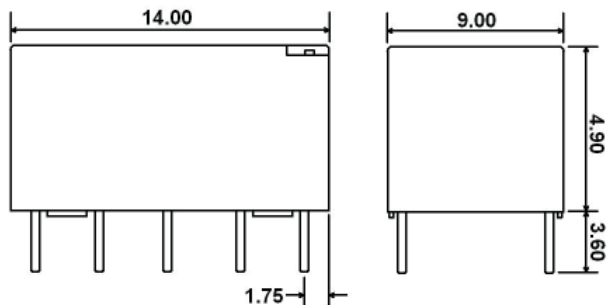
J850

Ordering Information

1. Series	J850	2c	S	6VDC
J850				
2. Contact Arrangement				
2C = DPDT				
3. Sealing Option				
S = Sealed				
4. Operating Function				
Blank = Monostable				
5. Coil Voltage				
3VDC				
4.5VDC				
5VDC				
6VDC				
9VDC				
12VDC				
24VDC				

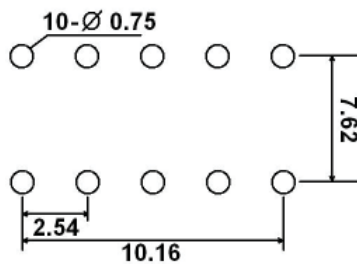
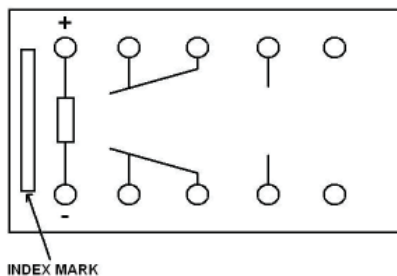
Dimensions

Units = mm



Schematics & PC Layouts

Bottom Views



Dimensions shown in mm. Dimensions are shown for reference purposes only.

Specifications and availability subject to change without notice.