



cUL us RoHS Compliant

J860

E197851

15.0 x 7.5 x 9.4 mm

Features

- Monostable
- Passes FCC part 68 & Telcordia surge test
- Ultra low weight, small package size
- UL/CUL certified
- Bifurcated Contacts

Contact Data

Contact Arrangement	2C = DPDT
Contact Rating	2A @ 30VDC .5A @ 125VAC

Contact Resistance	< 50 milliohms initial
Contact Material	AgNi, Au clad - bifurcated
Maximum Switching Power	60W
Maximum Switching Voltage	250VAC, 220VDC
Maximum Switching Current	2A

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	4.5	64.3	2.25	.3	.14	4	4
4.5	6.7	145	3.38	.45			
12	18.0	1028	9.00	1.2			
24	36.0	4114	18.00	2.4			

General Data

Electrical Life @ rated load	100K cycles, typical
Mechanical Life	10M cycles, typical
Insulation Resistance	100M Ω min. @ 500VDC
Dielectric Strength, Coil to Contact	2500V rms min. @ sea level
Contact to Contact	1500V rms min. @ sea level
Initial Surge Voltage, Coil to Contact	2500V (Telcordia, 2x10us)
Contact to Contact	1500V (FCC part 68, 10x60us)
Shock Resistance	750m/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	2g

Caution

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

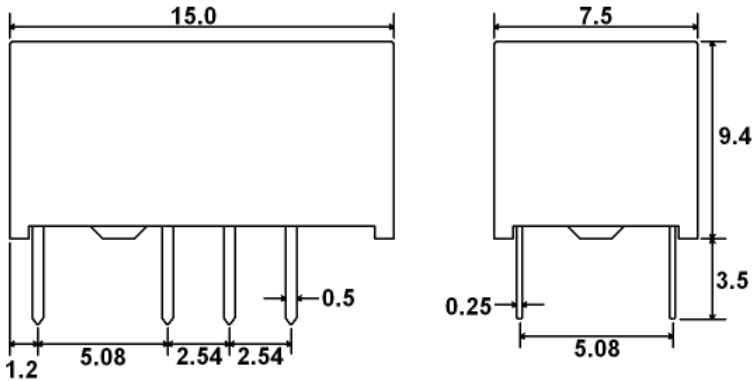
J860

Ordering Information

1. Series	J860	2C	S	12VDC
J860				
2. Contact Arrangement	2C = DPDT			
3. Sealing Option	S = Sealed			
4. Operating Function	Blank = Monostable			
5. Coil Voltage	3VDC 4.5VDC 12VDC 24VDC			

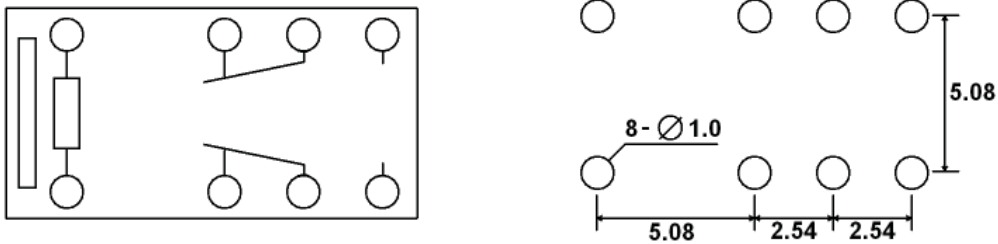
Dimensions

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.