



Features

- Low Profile
- Small size and light weight
- Coil voltages up to 100VDC
- UL/CUL certified

Contact Data

Contact Arrangement	1A = SPST N.O. 1C = SPDT
Contact Rating	1A: 16A @ 250VAC, Resistive 1C: 10A @ 250VAC, Resistive

Contact Resistance	< 50 milliohms initial
Contact Material	AgSnO ₂
Maximum Switching Power	300W
Maximum Switching Voltage	380VAC, 110VDC
Maximum Switching Current	16A

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	.20W	.45W					
5	6.5	125	56	3.75	.5	.20 .45	8	5
12	15.6	720	320	9.00	1.2			
24	31.2	2880	1280	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 Contact to Contact	1500V rms min. @ sea level 750V rms min. @ sea level
Shock Resistance	100m/s ² for 11 ms
Vibration Resistance	1.50mm double amplitude 10~40Hz
Terminal (Copper Alloy) Strength	10N
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +155°C
Solderability	260°C for 5 s
Weight	10g

Caution

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

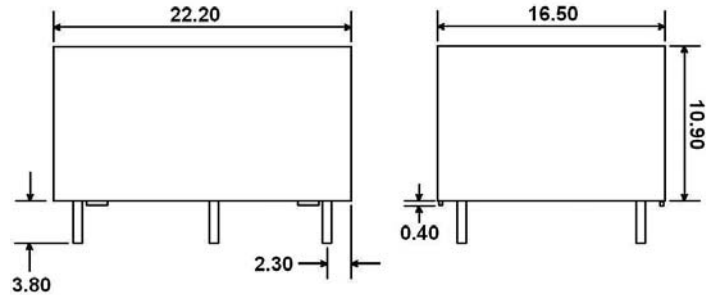
J111

Ordering Information

1. Series	J111	1A	S	12VDC	.45
J111					
2. Contact Arrangement	1A = SPST N.O. 1C = SPDT				
3. Sealing Option	S = Sealed				
4. Contact Voltage	5VDC 12VDC 24VDC				
5. Coil Power	.20 = .20W (only available with 1A contact) .45 = .45W				

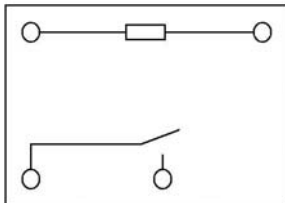
Dimensions

Units = mm

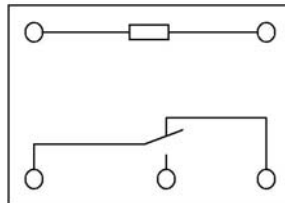


Schematics & PC Layouts

Bottom Views



1A



1C

