





20.2 x 5.3 x 12.8 mm

#### Features

- Low power consumption .12W
- Ultra light weight
- Narrow width for high density mounting
- UL/CUL certified

# Contact Data\*

Contact Arrangement	1A = SPST N.O.
Contact Rating	5A @ 250VAC Resistive,
	70°C, 20,000 Cycles
	5A @ 30VDC Resistive,
	70°C, 20,000 Cycles

Contact Resistance	< 50 milliohms initial		
Contact Material	AgNi + Au		
Maximum Switching Power	150W, 1250VA		
Maximum Switching Voltage	250VAC, 110VDC		
Maximum Switching Current	5A		

# Coil Data\*

	oltage DC	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		voltago	voltago			
5	6.5	208	3.75	.5	10		
12	15.6	1200	9.00	1.2	.12	10	5
24	31.2	3200	18.00	2.4	.18		

# General Data\*

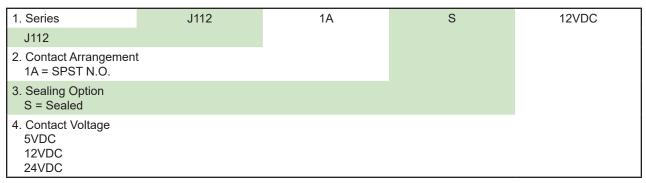
Electrical Life @ rated load	100K cycles, average			
Mechanical Life	10M cycles, average			
Insulation Resistance	100M $\Omega$ min. @ 500VDC initial			
Dielectric Strength, Coil to Contact	2000V rms min. @ sea level initial			
Contact to Contact	1000V rms min. @ sea level initial			
Shock Resistance	100m/s <sup>2</sup> for 11 ms			
Vibration Resistance	1.50mm 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	3g			

Values can change due to the switching frequency, desired reliability levels, environmental conditions and in-rush load levels. It is recommended to test actual load conditions for the application. It is the user's responsibility to determine the performance suitability for their specific application. The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.

www.citrelay.com phone - 763.535.2339 fax - 763.535.2194

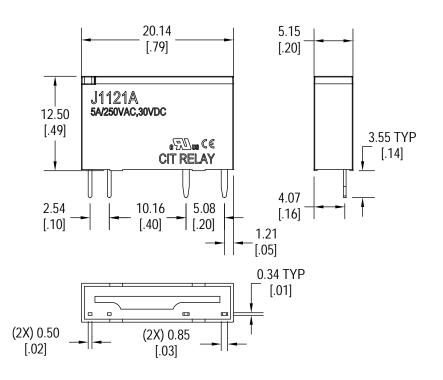


### **Ordering Information**



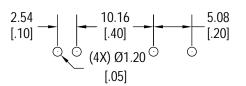
## **Dimensions**

Units = mm



## Schematics & PC Layouts





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



page 2

www.citrelay.com phone - 763.535.2339 fax - 763.535.2194