



## Features

- UL F class rated standard
- Low profile and narrow width
- High dielectric strength
- Creepage distance is less than 8mm

## Contact Data

Contact Arrangement	1A = SPST N.O. 1C = SPDT	Contact Resistance	< 50 milliohms initial
Contact Rating	8A @ 250VAC 8A @ 30VDC 100K cycles @ 70°C ambient	Contact Material	AgSnO <sub>2</sub>
		Maximum Switching Power	300W, 2500VA
		Maximum Switching Voltage	400VAC, 150VDC
		Maximum Switching Current	10A

## Coil Data

Coil Voltage VDC		Coil Resistance Ω +/- 10%	Pick Up Voltage VDC (max)	Release Voltage VDC (min)	Coil Power W	Operate Time ms	Release Time ms
Rated	Max		75% of rated voltage	10% of rated voltage			
5	6.5	113	3.50	.5	.22	10	5
6	7.8	164	4.20	.6			
12	15.6	620	8.40	1.2			
18	23.4	1295	12.70	1.8			
24	31.2	2350	16.80	2.4			
48	62.4	9600	33.60	4.8	.25		

## 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	5000V rms min. @ sea level 1000V rms min. @ sea level
Shock Resistance	100m/s <sup>2</sup> for 11 ms
Vibration Resistance	1.50mm double amplitude 10~40Hz
Operating Temperature	-55°C to +125°C
Storage Temperature	-55°C to +155°C
Solderability	260°C for 5 s
Weight	8g

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

Specifications and availability subject to change without notice.

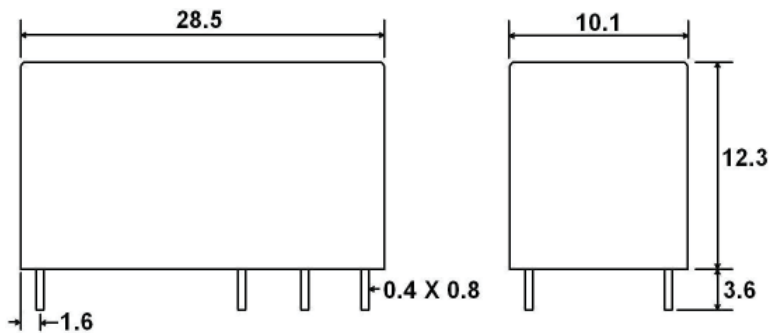
## Ordering Information

1. Series	J117F	1C	S	12VDC
J117F				
2. Contact Arrangement	1A = SPST N.O. 1C = SPDT			
3. Sealing Option	S = Sealed			
4. Coil Voltage	5VDC 6VDC 12VDC 18VDC 24VDC 48VDC			

Specifications and availability subject to change without notice.

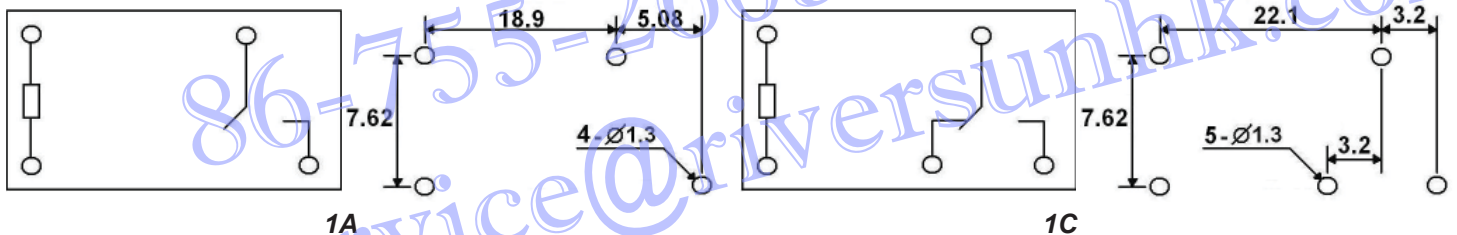
## Dimensions

Units = mm



## Schematics & PC Layouts

Bottom Views



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