



Features

- UL F class rated standard
- Low profile and narrow width
- High dielectric strength
- Creepage > 8mm between coil and contacts

Contact Data

Contact Arrangement	1A = SPST N.O. 1C = SPDT
Contact Rating	8A @ 250VAC 8A @ 30VDC 100K cycles @ 70°C ambient

Contact Resistance	< 50 milliohms initial
Contact Material	AgSnO ₂
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) 75% of rated voltage	Release Voltage VDC (min) 10% of rated voltage	Coil Power W	Operate Time ms	Release Time ms
Rated	Max						
9	11.7		6.75	.9	.22	10	5
12	15.6	620	8.40	1.2			
24	31.2	2350	16.80	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	5000V rms min. @ sea level
Contact to Contact	1000V rms min. @ sea level
Shock Resistance	100m/s ² 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

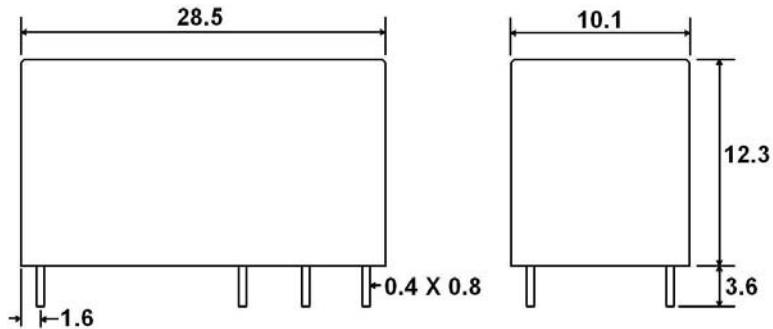
J117F

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				
9VDC				
12VDC				
24VDC				

Dimensions

Units = mm



Schematics & PC Layouts

Bottom Views

