

## Double-Sided Metallized Polypropylene Film Circular Axial Capacitor – JF1A



### FEATURES

- Double sided metallized polypropylene structure
- Low loss and small inherent temperature rise
- Negative temperature coefficient of capacitance
- Excellent active and passive flame resistant circuit

### TYPICAL APPLICATIONS

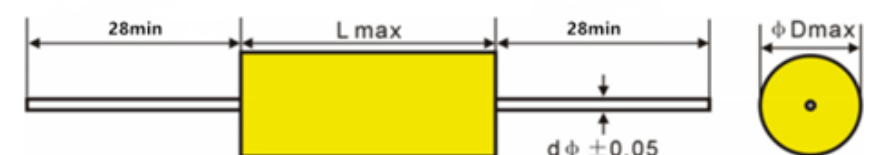
- Widely used in high voltage, high frequency and pulse circuit
- Lamp capacitor for electronic ballast compact lamps
- SNUBBER and SCR commutation circuits

### CAPACITOR STRUCTURE

- With polypropylene film dielectric, pole with double sided metallized polyester film, twain section spray-metal form Non-inductive configuration.  
Electrode lead unilateralism fetch out and fame retardant epoxy resin dip sealed.

### SPECIFICATIONS

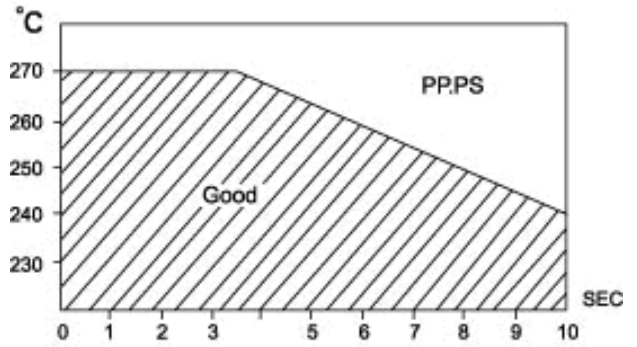
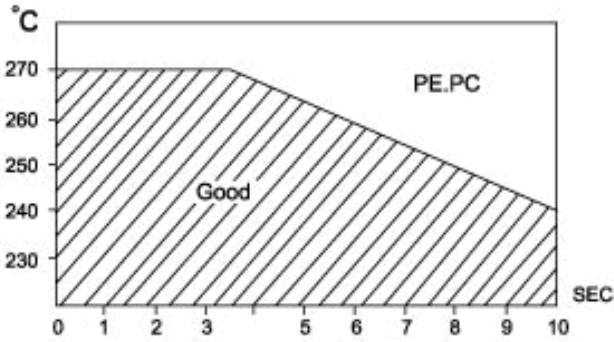
Reference Standard	IEC 61071	
Climatic Category	40/105/56	
Rated Temperature Range	85°C for $V_R$ (DC); 75°C for $V_R$ (AC)	
Operating Temperature Range	-40°C~105°C (+85°C to +105°C: decreasing factor 1.25% per °C for $V_R$ (DC)) (+75°C to +105°C: decreasing factor 1.25% per °C for $V_R$ (AC))	
Rated Voltage	250V, 400V, 630V, 1000V, 1600V, 2000V	
Capacitance Range	0.00022uF~3.9uF	
Capacitance Tolerance	±2%, ±3%, ±5%, ±10%, ±20%	
Voltage Proof	1.60UR (5S)	
Dissipation Factor	≤0.0010 (1KHz, 20°C)	
Insulation Resistance	≥50 000MΩ $C_R$ ≤0.33uF	(20°C , 100V , 1min)
	≥1 500S $C_R$ >0.33uF	



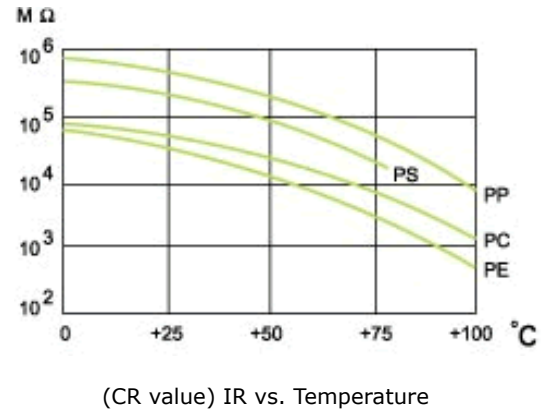
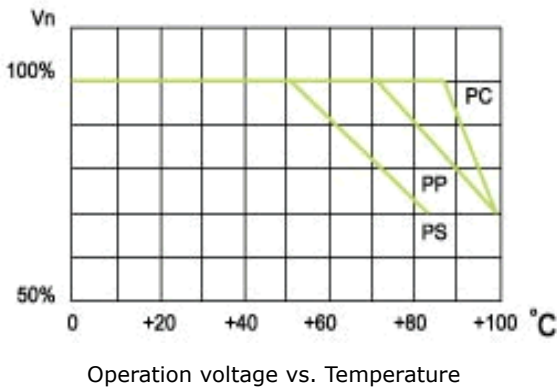
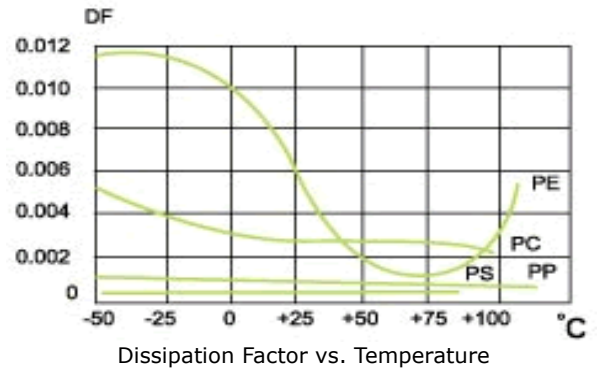
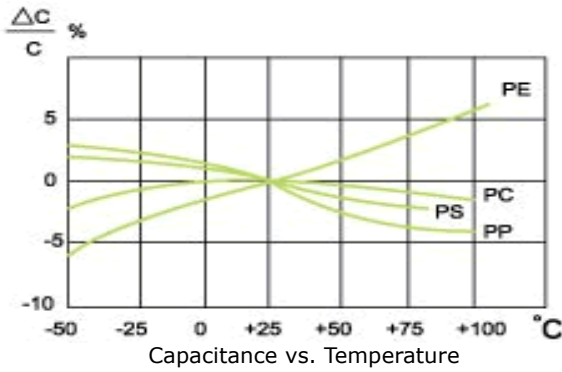
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## Electrical Characteristics of Film Capacitor

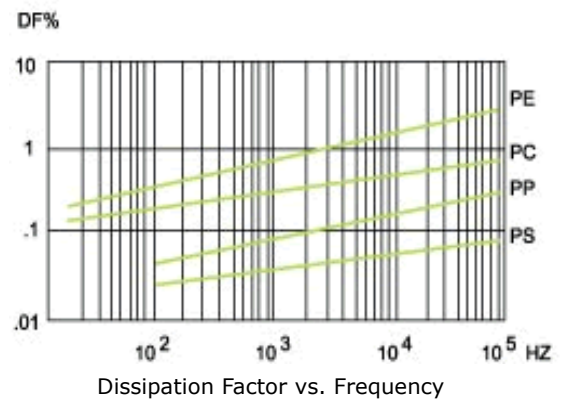
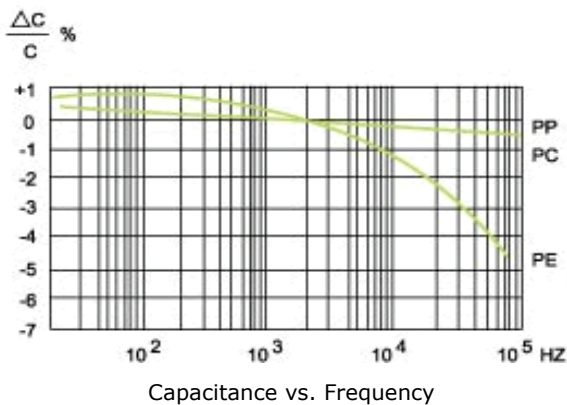
### 1. Soldering Temperature VS Time



### 2. Temperature Characteristic



### 3. Frequency Characteristics



Please visit our website to get more update data, those data & specification are subject to change without notice.