

## 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

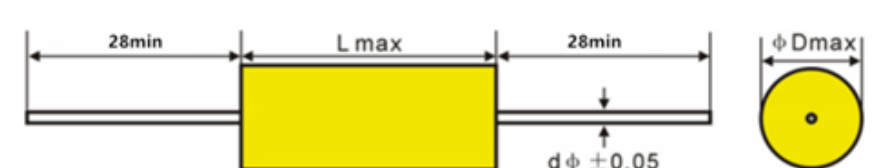
- Widely used in high voltage, high frequency and pulse circuit
- Lamp capacitor for electronic ballast compact lamps
- SNUBBER and SCR commutation circuits

### 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

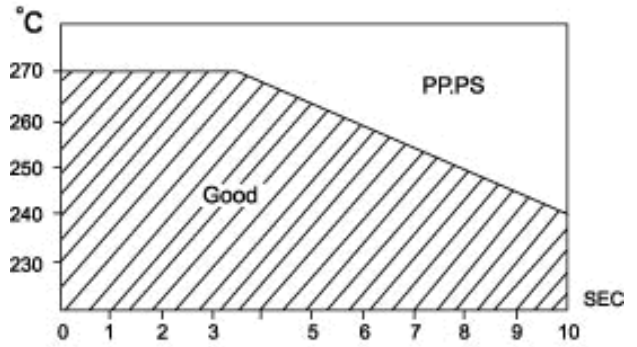
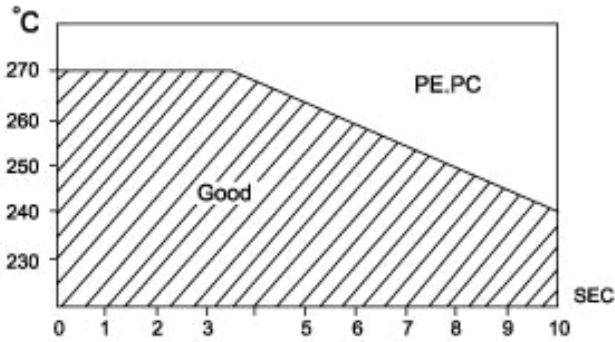
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|-----------------------------|---|----------------------|
| Reference Standard          | IEC 61071   |                      |
| Climatic Category           | 40/105/56   |                      |
| Rated Temperature Range     | 85°C for $V_R$ (DC); 75°C for $V_R$ (AC)  |                      |
| Operating Temperature Range | -40°C~105°C<br>(+85°C to +105°C: decreasing factor 1.25% per °C for $V_R$ (DC))<br>(+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 5000S $C_R$ >0.33uF  |                      |



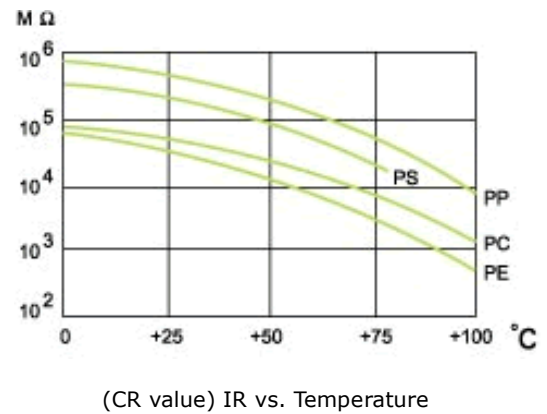
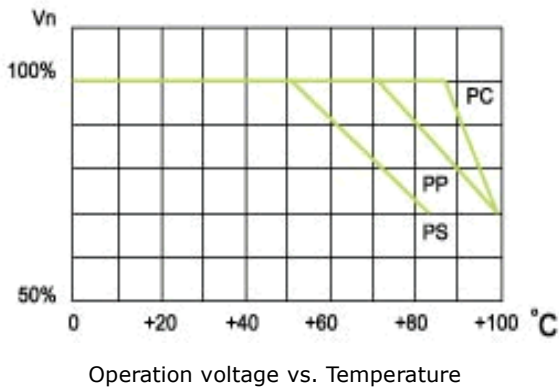
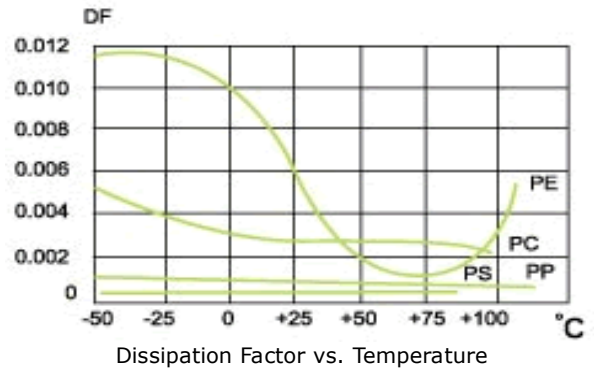
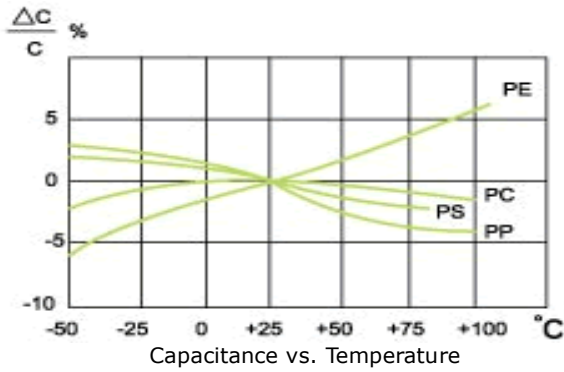
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## Electrical Characteristics of Film Capacitor

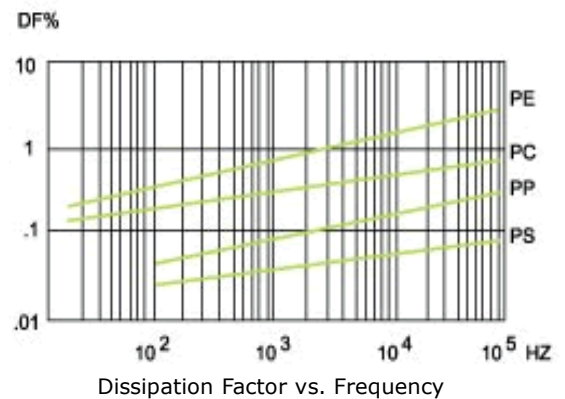
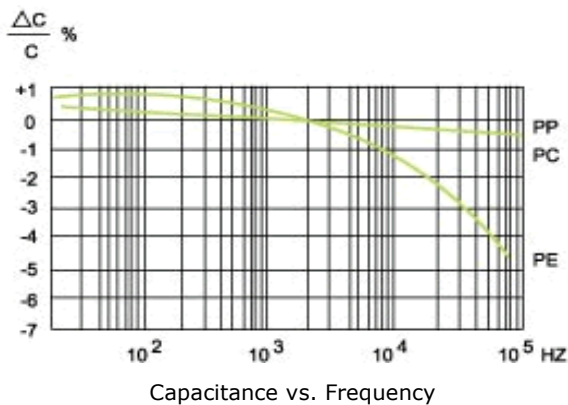
### 1. Soldering Temperature VS Time



### 2. Temperature Characteristic



### 3. Frequency Characteristics



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