

## Plastic Film Capacitors

### JFA - Mylar Polyester Film Capacitor

#### FEATURES:

1. Inductive welded construction epoxy dip coated.
2. Good reputation in use with consumer & industrial electronics.
3. Optimum for automatic insertion due to their small size and light weight.
4. Coated with epoxy resin for superior heat resistance, humidity resistance and solvent resistance.

#### SPECIFICATIONS:

1. Operating Temperature:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. Rated Voltage: 100V, 250V, 400V, 630V, 1000V.DC
3. Capacitance Range: 0.001 - 0.47 $\mu\text{F}$
4. Capacitance Tolerance:  $\pm 5\%$ ,  $\pm 10\%$



### JFB - Metallized Polyester Film Capacitor

#### FEATURES:

1. Non-inductive, dip coated, high moisture resistance.
2. Good reputation in use with filtering, DC blocking coupling and general communication equipment.
3. High reliable with its Self-Healing performance.
4. Coated with epoxy resin for superior heat resistance, humidity resistance and solvent resistance.

#### SPECIFICATIONS:

1. Operating Temperature:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. Rated Voltage: 100V.DC, 250V.DC, 400V.DC, 630V.DC.
3. Capacitance Range: 0.01 - 8.8 $\mu\text{F}$
4. Capacitance Tolerance:  $\pm 5\%$ ,  $\pm 10\%$



### JFC - Metallized Polyester Film Capacitor (VAC)

#### FEATURES:

1. Non-inductive, coated with epoxy resin or flame retardant epoxy power.
2. High capacitance stability.
3. High moisture resistance.
4. High reliability with Self-Healing performance.
5. Recommended for high frequency circuit use.
6. Possibility production of special specification.
7. Competitive price.

#### SPECIFICATIONS:

1. Temperature Range:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. Rated Voltage: 250V.AC
3. Capacitance Range: 0.01 - 4.7 $\mu\text{F}$
4. Capacitance Tolerance:  $\pm 5\%$ ,  $\pm 10\%$



### JFD - Box Type Met Polyester Film Capacitor

#### FEATURES:

1. Non-inductive, plastic case and epoxy resin.
2. Box type provides the identical outer appearance.
3. High reliability.

#### SPECIFICATIONS:

1. Reference Standard: GB7332 (IEC 60384-2)
2. Climatic Category: 55/100/56
3. Rated Voltage: 63V, 100V, 160V, 250V, 400V, 630V.DC
4. Capacitance Range: 0.001 - 2.2 $\mu\text{F}$
5. Capacitance Tolerance:  $\pm 5\%$ ,  $\pm 10\%$

### JFG - Axial Metallized Polyester & Polypropylene Film Capacitor

#### FEATURES:

1. JFGA & JFGB constructed with metallized polyester film as medium and electrode.
2. JFGC & JFGD constructed with metallized polypropylene film as medium and electrode.
3. CYCLOIDAL and FLAT OVAL SHAPE both available.
4. High reliability, high temperature-resistance, small volume, large capacity and good self-healing property.
5. Mainly used in instruments and the DC & AC circuit of the household equipment and the fractional frequency circuit of acoustics system.

#### SPECIFICATIONS:

1. Operating Temperature:  $-55^{\circ}\text{C} \sim +105^{\circ}\text{C}$  for JFGA & JFGB  
 $-55^{\circ}\text{C} \sim +100^{\circ}\text{C}$  for JFGC & JFGD
2. Rated Voltage: 100V.DC - 1250V.DC
3. Capacitance Range: 0.01 - 68 $\mu\text{F}$
4. Capacitance Tolerance:  $\pm 5\%$ ,  $\pm 10\%$



### JFE - Mini Metallized Polyester Film Capacitor

#### FEATURES:

1. Miniature size, non-inductive, epoxy dip coated.
2. The small size can be compared favourably with the staked film capacitor.
3. Epoxy resin powder coating provides the identical outer appearance.
4. Low dissipation factor.
5. Excellent Self-Healing property and reliability.

#### SPECIFICATIONS:

1. Operation Temperature:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. Rated Voltage: 50/63V, 100V, 160V, 250V, 400V.DC
3. Capacitance Range: 0.01 - 2.2 $\mu\text{F}$
4. Capacitance Tolerance:  $\pm 5\%$ ,  $\pm 10\%$



### JFJ - Mini Box Stacked Met Polyester Film Capacitor

#### FEATURES:

1. Stacked technology, High dv / dt ability.
2. Small size due to stacked construction, pitch size all 5mm.
3. Non-inductive, Plastic case and epoxy resin.

#### SPECIFICATIONS:

1. Reference Standard: GB7332 (IEC 60384-2)
2. Operating Temperature:  $-55^{\circ}\text{C} \sim +105^{\circ}\text{C}$
3. Rated Voltage: 50 / 63V.DC, 100V.DC, 250V.DC, 400V.DC, 500V.DC, 630V.DC
4. Capacitance Tolerance:  $\pm 5\%$ ,  $\pm 10\%$



### JFJ - Premium Metallized Polypropylene Film capacitors-Axial

#### FEATURES:

1. Quick transient design.
2. High Precise Capacitance  $\pm 3\%$ ,  $\pm 5\%$
3. Very Low Dielectric absorption factor.

#### SPECIFICATIONS:

1. Operating Temperature Range:  $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. Rated Voltage: 250V, 400V, 630V.DC
3. Capacitance Range: 0.047 - 100 $\mu\text{F}$
4. Capacitance Tolerance:  $\pm 3\%$  (I),  $\pm 5\%$  (J) 1KHz

### JFK - Polypropylene Film Capacitor

#### FEATURES:

1. Inductive, radial lead welded construction, epoxy coated.
2. Temperature dependence indicates characteristic of negative.
3. Comparatively small size saves space of print circuit board.
4. Dissipation factor is normally low and temperature dependence of capacitance is linear.

#### SPECIFICATIONS:

1. Operating Temperature:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. Rated Voltage: 100V, 250V, 400V, 630V.DC
3. Capacitance Range: 0.00047 - 0.18 $\mu\text{F}$
4. Capacitance Tolerance:  $\pm 5\%$ ,  $\pm 10\%$



### JFL - Metallized Polypropylene Film Capacitor

#### FEATURES:

1. Non-inductive, epoxy dip coated, high moisture resistance.
2. Dissipation factor is normally low and it is stable against high frequency and change of temperature.
3. Recommended for high-frequency circuits like s-curve compensating circuit.
4. Highly reliable because of its excellent Self-Healing performance.

#### SPECIFICATIONS:

1. Operating Temperature:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. Rated Voltage: 100V.DC, 250V.DC, 400V.DC, 630V.DC.
3. Capacitance Range: 0.01 - 10.0 $\mu\text{F}$
4. Capacitance Tolerance:  $\pm 5\%$ ,  $\pm 10\%$