

## 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 ~ 6.8 $\mu\text{F}$
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. Recommendable 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 ~ 1.5 $\mu\text{F}$
4. Capacitance Tolerance :  $\pm 5\%$ ,  $\pm 10\%$



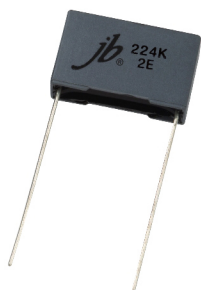
### JFG - Axial Metallized Polyester & Polypropylene Film Capacitor

#### ■ FEATURES:

1. JFGA & JFGB constructed with metallized polyester film as medium and electric code.
2. JFGC & JFGD constructed with metallized polypropylene film as medium and electric code.
3. CYCLOIDAL and FLAT OVAL SHAPE both available.
4. High reliability, high temperature-resistance, small volume, large capacity and good self-healing property.

#### ■ SPECIFICATIONS:

1. Operating Temperature :  $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$  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 :  $\pm 5\%$ ,  $\pm 10\%$



### 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 : 40/85/21
3. Rated Voltage : 63V, 100V, 160V, 250V, 400V, 630V.DC
4. Capacitance Range : 0.001 ~ 2.2 $\mu\text{F}$
5. Capacitance Tolerance :  $\pm 5\%$ ,  $\pm 10\%$



### 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 :  $\pm 5\%$ ,  $\pm 10\%$



### JFX - 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 :  $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. Rated Voltage : 250V, 400V, 630V.DC
3. Capacitance Range : 0.047 ~ 100 $\mu\text{F}$
4. Capacitance Tolerance :  $\pm 3\%$ ,  $\pm 5\%$



### JSX - Superior Metallized Polypropylene Film Capacitors

#### ■ FEATURES:

1. Quick transient design
2. High Precise Capacitance  $\pm 3\%$ ,  $\pm 5\%$
3. Very Low Dielectric absorption factor
4. Excellent handling of high current audio pulses

#### ■ SPECIFICATIONS:

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



### 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 :  $\pm 5\%$ ,  $\pm 10\%$



### JFP - High Voltage Met Polypropylene Film Capacitor

#### ■ FEATURES:

1. Extended foil, flame retardant epoxy coated.
2. Ideal for high AC current applications, such as CRT deflection for R-F generators.
3. Coated with flame retardative epoxy resin which provides from humidity and mechanical damage.
4. Temperature coefficient is negative and variety linear over the operation temperature.

#### ■ SPECIFICATIONS:

1. Operating Temperature :  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. Rated Voltage : 1000V, 1250V, 1600V, 2000V.DC
3. Capacitance Range : 0.001 ~ 0.15 $\mu\text{F}$
4. Capacitance Tolerance :  $\pm 5\%$ ,  $\pm 10\%$