

# JB Kondenzátory



# Kondenzatory JB

## 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 (V.DC): 100VDC, 250VDC, 400VDC, 630VDC.
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 ~ 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 provide 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:  $\pm 5\%$ ,  $\pm 10\%$



### JFE - Mini Met Polyester Film Capacitor

#### ■ FEATURES:

1. Miniature size, non-inductive, epoxy dip coated.
2. The small size can be compared favourably with the stacked 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:  $\pm 5\%$ ,  $\pm 10\%$



### JFG - Axial Met 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
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:  $\pm 5\%$ ,  $\pm 10\%$



### JFH - Polyester Film Capacitor - Non-Inductive

#### ■ FEATURES:

1. Very small size, Epoxy coating, Flame retardant to UL94V-0
2. Self-healing polyester dielectric, Non-inductive construction
3. High performance and efficiencies

#### ■ SPECIFICATIONS:

1. Operating Temperature Range:  $-45^{\circ}\text{C} \sim +85^{\circ}\text{C}$  (105 $^{\circ}\text{C}$  max.)
2. Rated Voltage: 100V.DC
3. Capacitance Range: 0.001 $\mu\text{F}$  to 0.033 $\mu\text{F}$
4. Capacitance Tolerance:  $\pm 5\%$



### 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 Range:  $-55^{\circ}\text{C} \sim +105^{\circ}\text{C}$
3. Rated Voltage: 50 / 63V.DC, 100V.DC, 250V.DC, 400V.DC, 500V.DC, 630V.DC
4. Capacitance Tolerance:  $\pm 5\%$ ,  $\pm 10\%$



### 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 - Met 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.

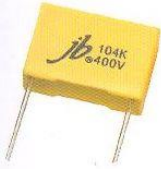
#### ■ SPECIFICATIONS:

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



# Kondenzatory JB

## JFM - Box Type Met Polypropylene Film Capacitor



### ■ FEATURES:

1. High reliability at high current stress.
2. Self-healing Property.
3. Flame retardant plastic case and epoxy resin.
4. Low losses, high dv / dt capability.
5. High moisture resistance.
6. High stability of capacitance and long life.

### ■ SPECIFICATIONS:

1. Operating Temperature:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. Rated Voltage: 250V, 400V, 630V.DC, 1000V.DC/500V.AC
3. Capacitance Range: 0.001 ~ 3.3uF
4. Capacitance Tolerance:  $\pm 2\%$ ,  $\pm 5\%$ ,  $\pm 10\%$

## JFN - X2 Metallized Polypropylene Film Capacitor - 8 approval



### ■ FEATURES:

1. Non-inductive, (UL940V-0) plastic case sealed with epoxy resin.
2. Provides interference suppression with CQC, UL, VDE, SEV, SEMKO, DEMKO, NEMKO, FIMKO safety approvals.
3. High dv/dt capabilities.

### ■ SPECIFICATIONS:

1. Operating Temperature:  $-40^{\circ}\text{C} \sim +100^{\circ}\text{C}$
2. Voltage Rating: 300, 280, 275, 250V.AC
3. Capacitance Range: 0.0022 ~ 1uF
4. Capacitance Tolerance:  $\pm 10\%$ ,  $\pm 5\%$

## JFO - X2 Metallized Polypropylene Film Capacitor



### ■ FEATURES:

1. Non-inductive, (UL940V-0) plastic case sealed with epoxy resin.
2. Provides interference suppression with CQC, CE & TUV and UL approvals.
3. High dv/dt capabilities.

### ■ SPECIFICATIONS:

1. Operating Temperature:  $-40^{\circ}\text{C} \sim +100^{\circ}\text{C}$
2. Voltage Rating: 300, 280, 275, 250V.AC
3. Capacitance Range: 0.001 ~ 2.2uF
4. Capacitance Tolerance:  $\pm 10\%$ ,  $\pm 5\%$



## 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 and pulse-forming networks.
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 ~ 0.15uF
4. Capacitance Tolerance:  $\pm 5\%$ ,  $\pm 10\%$

## JFQ - Box Type Double Sided Met Polypropylene Film Capacitors



### ■ FEATURES:

1. Double sided metallized structure, widely used in high voltage, high frequency and pulse circuit.
2. Negative temperature coefficient of capacitance.
3. Excellent active and passive flame resistant abilities.
4. Low loss and small inherent temperature rise.

### ■ SPECIFICATIONS:

1. Reference Standard: GB14570 (IEC 60384-17) 85°C for  $V_R$  (DC); 75°C for  $V_R$  (AC)
2. Rated Temperature: 250V, 400V, 630V, 1000V, 1400/1600V, 2000V.DC
3. Operating Temperature Range:  $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
4. Rated Voltage: 250V, 400V, 630V, 1000V, 1400/1600V, 2000V.DC
5. Capacitance Range: 0.00022 ~ 3.9uF



## JFR - Radial & Axial Polystyrene Film Capacitor

### ■ FEATURES:

1. Inductive, Radial & Axial, welded lead style.
2. High stability of capacitance and DF versus temperature and frequency.
3. High precision of capacitance is available.
4. Low dissipation factor and high insulation resistance.

### ■ SPECIFICATIONS:

1. Operating Temperature:  $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$
2. Rated Voltage: 50V, 100V, 125V, 250V, 500V, 630V.DC
3. Capacitance Range: 10pF ~ 0.01uF
4. Capacitance Tolerance:  $\pm 1\%$ ,  $\pm 2\%$ ,  $\pm 2.5\%$ ,  $\pm 5\%$ ,  $\pm 10\%$

## JFS - Motor Starting Capacitor



### ■ FEATURES:

1. Electrical apparatus use metalized film with precisely quality control.
2. Low D.F. (dissipation factor), lower temperature rise.
3. High I.R. (insulation resistance) small size.
4. High safety. High reliability.
5. Durability and characteristics of frequency, etc.

### ■ SPECIFICATIONS:

1. Operating Condition:  $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$
2. Rated Voltage: 250VAC ~ 450VAC
3. Capacitance Tolerance:  $\pm 5\%$ ,  $\pm 10\%$
4. Capacitance Range: 1uF ~ 100uF



## JFT - Metallized Polypropylene Film AC Capacitor Class-X1

### ■ FEATURES:

1. This specifications cover the requirements of jb Metallized Polypropylene
2. Film AC Capacitor (Interference Suppressors Class-X1)

### ■ SPECIFICATIONS:

1. Capacitor Class: X1 class
2. Operating Temperature Range:  $-55^{\circ}\text{C} \sim +105^{\circ}\text{C}$
3. Rated Voltage: 300V.AC
4. Capacitance Range: 0.0022 ~ 4.7uF
5. Capacitance Tolerance:  $\pm 10\%$

## SMD - Aluminum Electrolytic Capacitors

### JCS - SMD Type, 85°C, 2000 hours

#### ■ FEATURES:

1. Designed for surface mounting on high density circuit board.
2. Emboss carrier tape packing system is available for automatic insertion.

#### ■ SPECIFICATIONS:

1. Operating Temperature:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. Voltage Range: 4V ~ 100V.DC
3. Capacitance Range: 0.1 ~ 470uF
4. Capacitance Tolerance:  $\pm 20\%$  at 120Hz, 20°C



### JCK - SMD Type, 105°C, 1000 hours

#### ■ FEATURES:

1. Chip type, operating with wide temperature range  $-40 \sim +105^{\circ}\text{C}$ .
2. Designed for surface mounting on high density circuit board.
3. Emboss carrier tape packing system is available for automatic insertion.

#### ■ SPECIFICATIONS:

1. Operating Temperature:  $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
2. Voltage Range: 4V ~ 100V.DC
3. Capacitance Range: 0.1 ~ 470uF
4. Capacitance Tolerance:  $\pm 20\%$  at 120Hz, 20°C

# Kondenzátory JB

## Aluminum Electrolytic Capacitors



### JNC - Snap-in Type, 85°C, For Speaker Network

#### ■ FEATURES:

1. Load life of 2000 hours at 85°C
2. High ripple current
3. Smaller size
4. PCB Mounting

#### ■ SPECIFICATIONS:

1. Operating Temperature Range: -40°C ~ +85°C
2. Capacitance Tolerance: ±20%
3. Capacitance Range (uF): 68 ~ 22,000uF
4. Rated Voltage (V): 10 ~ 450V



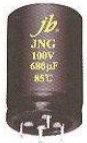
### JNE - Snap-in Type, 105°C, Miniaturized

#### ■ FEATURES:

1. Load life of 2000 hours at 105°C
2. High ripple current
3. Smaller size
4. PCB Mounting

#### ■ SPECIFICATIONS:

1. Operating Temperature Range: -40°C ~ +105°C
2. Capacitance Tolerance: ±20%
3. Capacitance Range (uF): 39 ~ 22,000uF
4. Rated Voltage (V): 10 ~ 400V



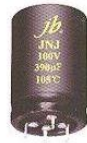
### JNG - Snap-in Type, 85°C, General, Miniaturized, Long Life

#### ■ FEATURES:

1. Load life of 5000 hours at 85°C, equal to 80000 hours (9 years) at 45°C
2. High ripple current
3. Smaller size
4. PCB Mounting

#### ■ SPECIFICATIONS:

1. Operating Temperature Range: -40°C ~ +85°C
2. Capacitance Tolerance: (25°C, 120Hz) ±20%
3. Capacitance Range (uF): 68 ~ 22,000uF
4. Rated Voltage (V): 10 ~ 450V



### JNJ - Snap-in Type, 105°C, Miniaturized, Long Life

#### ■ FEATURES:

1. Load life of 3000 hours at 105°C, equal to 96000 hours (11 years) at 55°C
2. High ripple current
3. Smaller size
4. PCB Mounting

#### ■ SPECIFICATIONS:

1. Operating Temperature Range: -40°C ~ +105°C
2. Capacitance Tolerance: (25°C, 120Hz) ±20%
3. Capacitance Range (uF): 39 ~ 22,000uF
4. Rated Voltage (V): 10 ~ 400V



### JNK - Snap-in Type, 105°C, 5000hours

#### ■ FEATURES:

1. Extended Lifetime at 105°C
2. High ripple current
3. High Professional Switch Mode Power Supplies
4. Frequency Converters

#### ■ SPECIFICATIONS:

1. Operating Temperature Range: -40°C ~ +105°C / -25°C ~ +105°C
2. Capacitance Range (uF): 68 ~ 56000uF
3. Voltage Range (V): 10 ~ 450V



### JMJ - Screw Type, 85°C, General, Miniaturized

#### ■ FEATURES:

1. Load life of 2000 hours at 85°C
2. Size may be selected
3. High ripple current
4. Used for computers, communication powers and inverters

#### ■ SPECIFICATIONS:

1. Operating Temperature Range: -40°C ~ +85°C (315V, -25°C ~ +85°C)
2. Capacitance Tolerance: (25°C, 120Hz) ±20%
3. Capacitance Range (uF): 270 ~ 820,000uF
4. Rated Voltage (V): 10 ~ 450V



### JML - Screw Type, 105°C, Long Life

#### ■ FEATURES:

1. Load life of 2000 hours at 105°C
2. Size may be selected
3. High ripple current
4. Used for computers, communication powers, Hi-ripple circuit of electric vehicle, electric train, general-purpose inverter

#### ■ SPECIFICATIONS:

1. Rated Voltage Range (V): 10V ~ 100V, 160V ~ 400V
2. Operating Temperature Range: -40°C ~ +105°C, -25°C ~ +105°C
3. Capacitance Tolerance: (25°C, 120Hz): ±20%
4. Capacitance Range (uF): 180 ~ 680,000uF



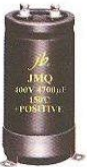
### JMN - Screw Type, 85°C, General, Long Life

#### ■ FEATURES:

1. Load life of 5000 hours at 85°C
2. Size may be selected
3. High ripple current
6. Used for computers, communication powers, Hi-ripple circuit of electric vehicle, electric train, general-purpose inverter

#### ■ SPECIFICATIONS:

1. Rated Voltage Range (V): 350V ~ 450V
2. Operating Temperature Range: -40°C ~ +85°C
3. Capacitance Tolerance: (25°C, 120Hz) ±20%
4. Capacitance Range (uF): 1,000 ~ 18,000uF



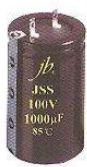
### JMQ - Screw Type, 105°C, For Inverter

#### ■ FEATURES:

1. Warranty of 5000 hours at 105°C

#### ■ SPECIFICATIONS:

1. Rated Voltage Range (V): 350V, 400V, 450V
2. Operating Temperature Range: -40°C ~ +105°C
3. Capacitance Tolerance: (20°C, 120Hz) ±20%
4. Dissipation Factor: (20°C, 120Hz) 0.15
5. Capacitance Range (uF): 1,000 ~ 15,000uF



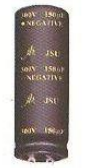
### JSS - Lug Type, 85°C, Miniaturized

#### ■ FEATURES:

1. Standard product
2. For industrial equipment control etc.

#### ■ SPECIFICATIONS:

1. Operating Temperature Range: -40°C ~ +85°C, -25°C ~ +85°C
2. Rated Voltage Range (V): 16V ~ 450V
3. Capacitance Range (uF): 33 ~ 68000uF
4. Capacitance Tolerance: -10% ~ +50% (25°C, 120Hz)



### JSU - Lug Type, For Photo Flash

#### ■ FEATURES:

1. For Photo Flash
2. High Stability
3. Compact and light weight

#### ■ SPECIFICATIONS:

1. Operating Temperature Range: -20°C ~ +55°C
2. Rated Voltage: 330, 360VV.DC
3. Capacitance Range (uF): 150 ~ 1,500uF
4. Capacitance Tolerance: -10% ~ +20% (20°C, 120Hz)



### JSW - Lug Type, For Motor Starting

#### ■ FEATURES:

1. Load life of 75000 times and 30000 times
2. For motor starting
3. Used for the compressor starter of a refrigerator and air-conditioner and for the water pumps

#### ■ SPECIFICATIONS:

1. Operating Temperature Range: -20°C ~ +70°C
2. Rated Voltage: 110 ~ 330V.AC
3. Capacitance Tolerance: 0% ~ 20% (25°C, 120Hz)
4. Capacitance Range (uF): 25 ~ 500uF