

**FACTORY**



**CERTIFICATIONS**



**METALLIZED POLYPROPYLENE FILM CAPACITORS**

**JFX - PREMIUM JSX - SUPERIOR JPX - SUPREME**  
**JLX - LUXURY ALUMINUM FOIL AND FILM**



**SPECIFICATIONS:**

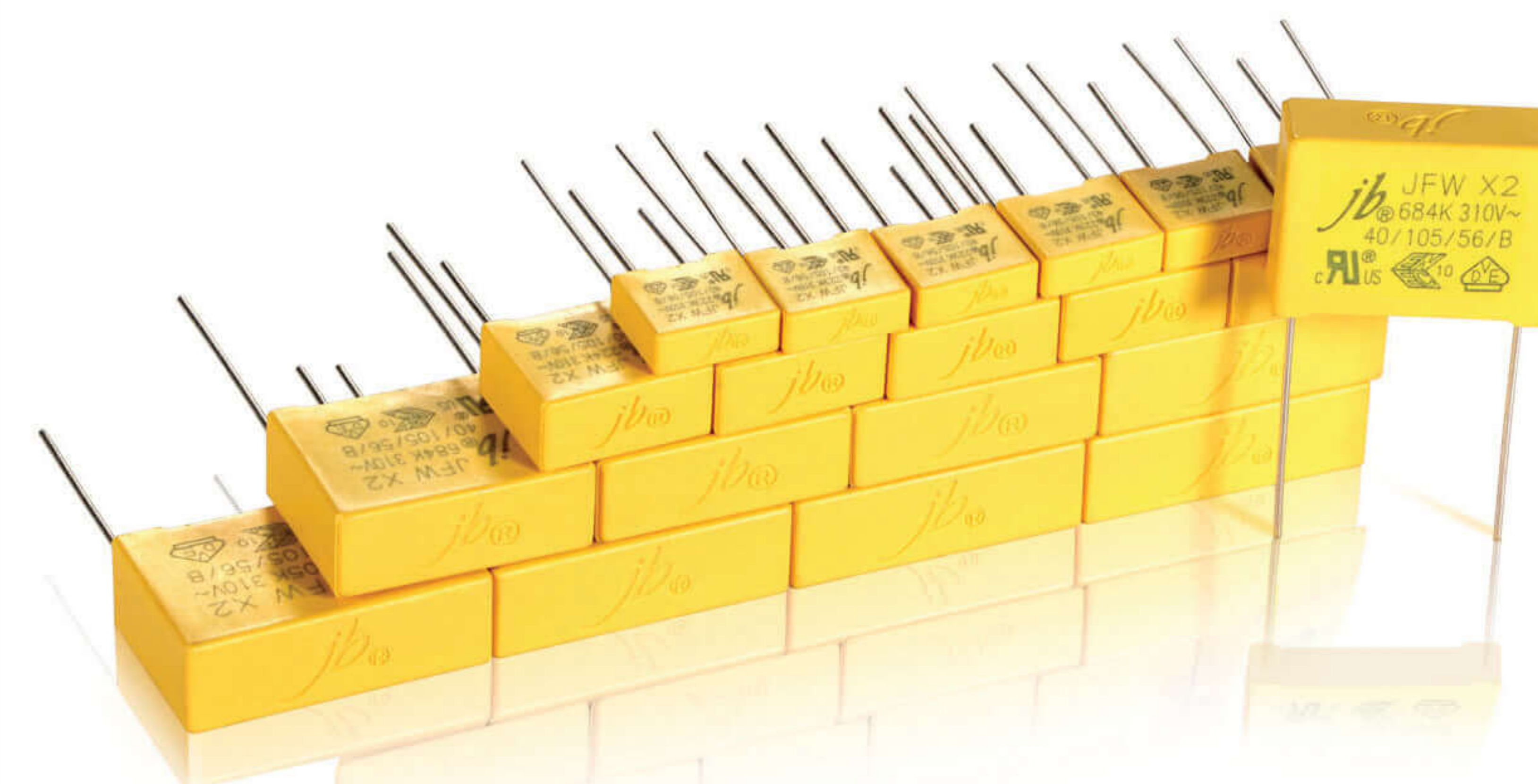
| Series | Passive Flammability | Operating Temperature | Capacitance Range | Capacitance Tolerance | Rated Voltage   | Withstand Voltage | Dissipation Factor | Insulation Resistance | Leads Diameter                                |
|--------|----------------------|-----------------------|-------------------|-----------------------|-----------------|-------------------|--------------------|-----------------------|---|
| JFX    |                      | -55°C~+85°C           | 0.047-100uF       | ±3%(E)                | 250V            | 1.5VR 5S          | ≤0.0020 1KHz       | CR≤0.33uF,            | 0.6, 0.8, 1.0, 1.2<br>Tinned Pure Copper Wire |
| JSX    | GB10191-88           |                       | 0.1-100uF         | ±5%(J)                | 400V            | 1.6VR 5S          | ≤0.0010 1KHz       | IR≥15,000MQ           | 0.8, 1.0<br>Tinned Pure Copper Wire           |
| JPX    | IEC384-16            |                       |                   | ±5%(J)                | 630V.DC         | 1.6VR 5S          | ≤0.0005 1KHz       | CR > 0.33uF,          | 0.8, 1.0<br>Tinned Pure Copper Wire           |
| JLX    |                      |                       | 1-10uF            | ±3%(E)                | 100V<br>200V.DC | 1.6VR 5S          | ≤0.0002 1KHz       | IR≥5,000S             | 1.0 Tinned Copper Wire                        |

**APPLICATIONS:**

Tube Amplifiers, Audio and HiFi Systems, Audio Converters and Dividers (partials), Audio amp, Automotive Electronics Products, speaker and so on.

*Just your best choice*

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**X2 METALLIZED POLYPROPYLENE FILM CAPACITORS - JFW**

**FEATURES:**

1. Provides interference suppression capacitor with VDE, ENEC and UL approvals.
2. Non-inductive, (UL94V-0) plastic case sealed with epoxy resin.
3. Cut leads, Bulk, Ammo Tape Package, Long leads are available.
4. Class X2 safety capacitors for 310VAC.
5. Short delivery, some items have stock available.
6. High quality commitment, good prices support.
7. Used in across-the-line, interference suppression circuit.
8. Fast sales response for cross, quotation.

**COMPANY PROFILE**

jb Capacitors Company is ISO manufacturer founded in 1980 in Taiwan. We are specialized in production of plastic film capacitors and Radial, SMD & Snap-in, Screw and Lug terminals Aluminum Electrolytic Capacitors. Most our products are exported to Europe, USA, South America, and South Africa. It is our commitment to offer our customers the best quality products with fast delivery and the best after sales services.

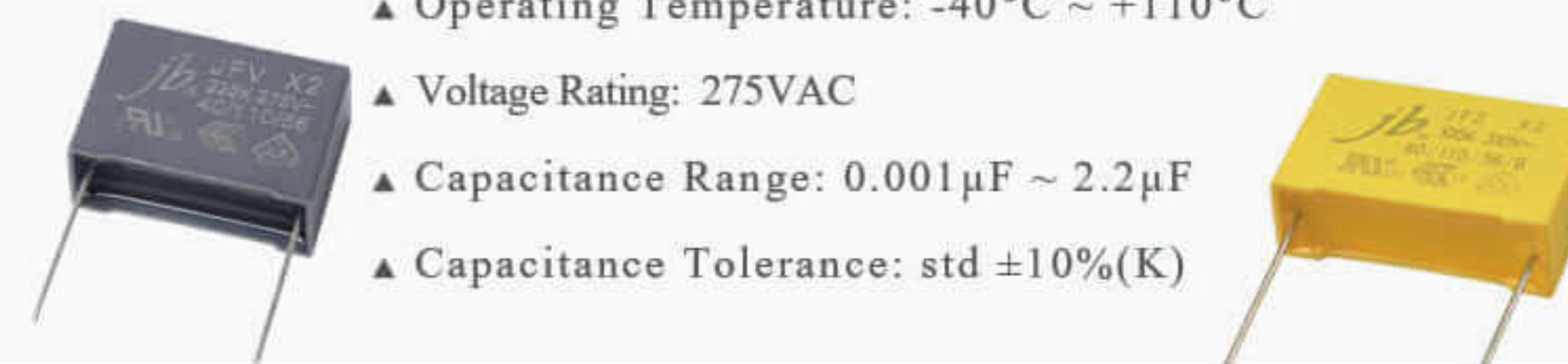




# OUR PRODUCTS

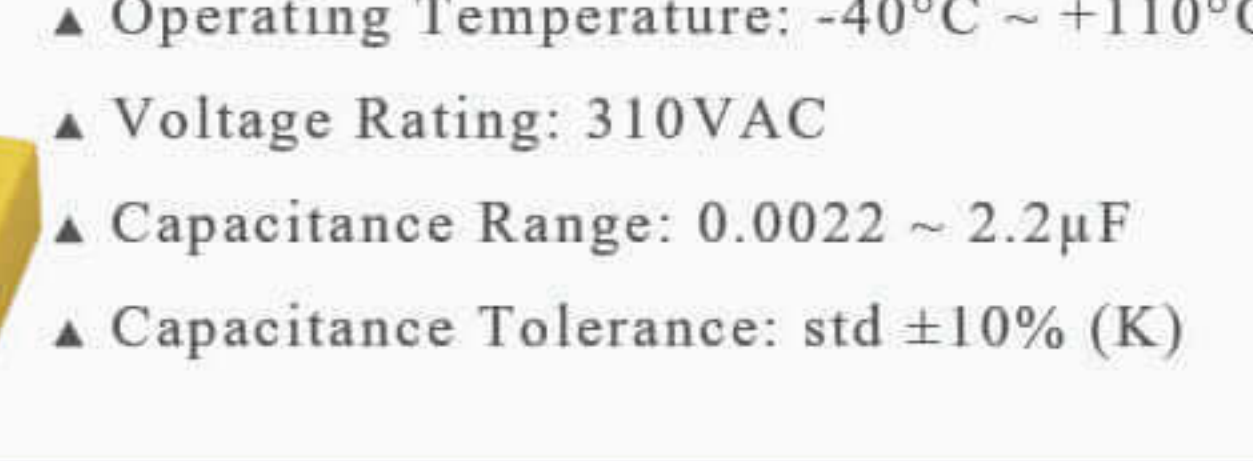
## JFV - X2 Metallized Polypropylene Film Capacitors (275VAC)

- ▲ Operating Temperature: -40°C ~ +110°C
- ▲ Voltage Rating: 275VAC
- ▲ Capacitance Range: 0.001μF ~ 2.2μF
- ▲ Capacitance Tolerance: std ±10%(K)



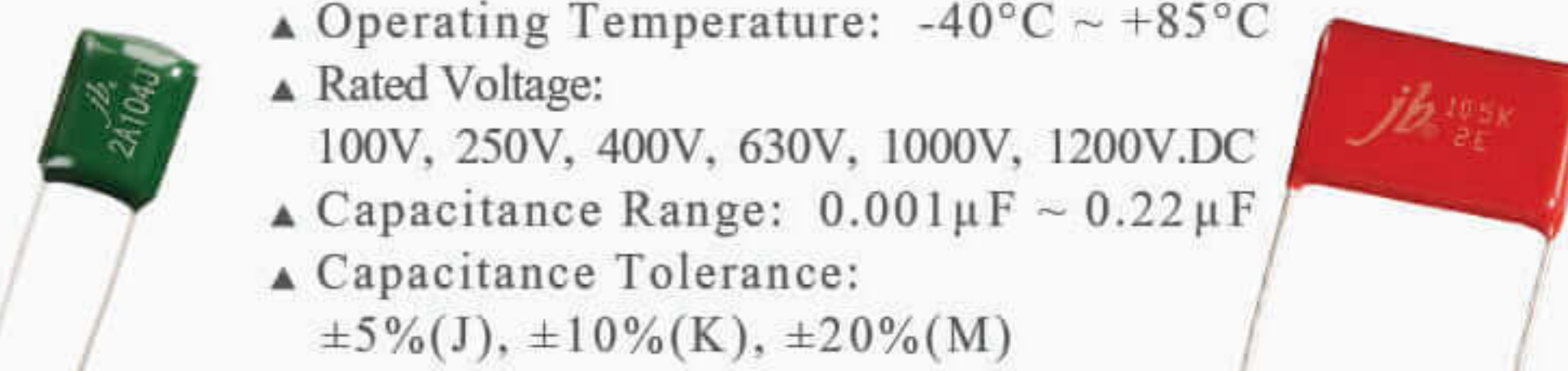
## JFZ - X2 Metallized Polypropylene Film Capacitors (310VAC)

- ▲ Operating Temperature: -40°C ~ +110°C
- ▲ Voltage Rating: 310VAC
- ▲ Capacitance Range: 0.0022 ~ 2.2μF
- ▲ Capacitance Tolerance: std ±10% (K)



## JFA - Mylar Polyester Film Capacitors

- ▲ Operating Temperature: -40°C ~ +85°C
- ▲ Rated Voltage: 100V, 250V, 400V, 630V, 1000V, 1200V.DC
- ▲ Capacitance Range: 0.001μF ~ 0.22μF
- ▲ Capacitance Tolerance: ±5%(J), ±10%(K), ±20%(M)



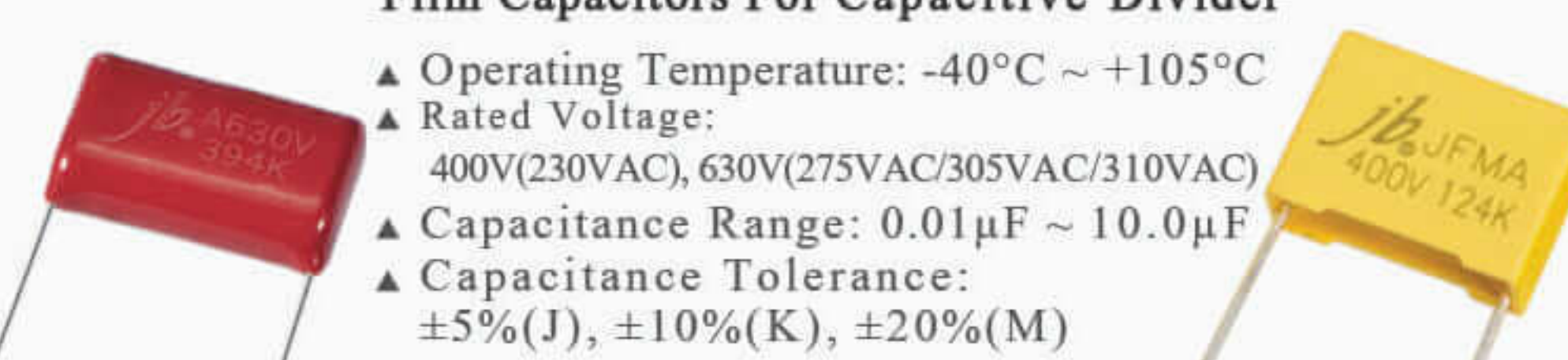
## JFB - Metallized Polyester Film Capacitors

- ▲ Operating Temperature: -40°C ~ +85°C
- ▲ Rated Voltage: 100V, 250V, 400V, 630V.DC
- ▲ Capacitance Range: 0.01μF ~ 6.8μF
- ▲ Capacitance Tolerance: ±5%(J), ±10%(K), ±20%(M)



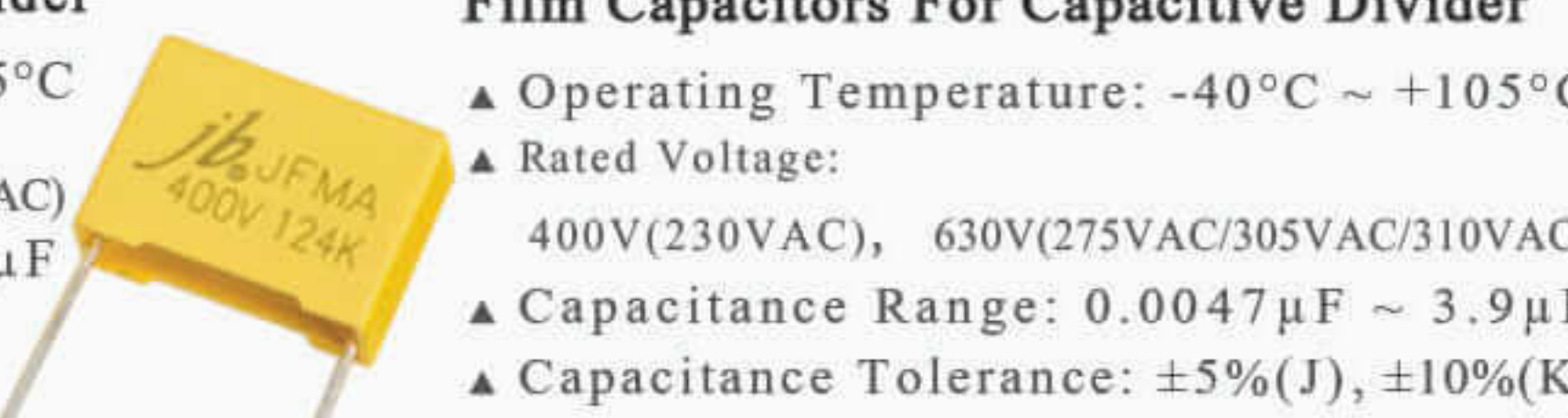
## JFLA - Dipped Metallized Polypropylene Film Capacitors For Capacitive Divider

- ▲ Operating Temperature: -40°C ~ +105°C
- ▲ Rated Voltage: 400V(230VAC), 630V(275VAC/305VAC/310VAC)
- ▲ Capacitance Range: 0.01μF ~ 10.0μF
- ▲ Capacitance Tolerance: ±5%(J), ±10%(K), ±20%(M)



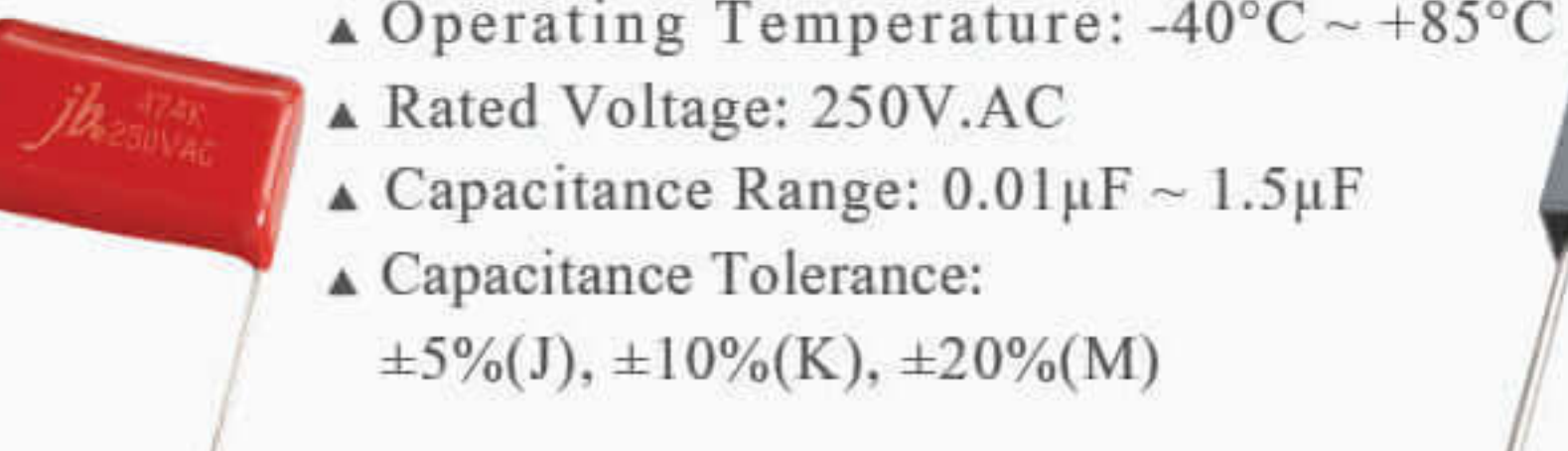
## JFMA - Box Type Metallized Polypropylene Film Capacitors For Capacitive Divider

- ▲ Operating Temperature: -40°C ~ +105°C
- ▲ Rated Voltage: 400V(230VAC), 630V(275VAC/305VAC/310VAC)
- ▲ Capacitance Range: 0.0047μF ~ 3.9μF
- ▲ Capacitance Tolerance: ±5%(J), ±10%(K)



## JFC - Metallized Polyester Film Capacitors

- ▲ Operating Temperature: -40°C ~ +85°C
- ▲ Rated Voltage: 250V.AC
- ▲ Capacitance Range: 0.01μF ~ 1.5μF
- ▲ Capacitance Tolerance: ±5%(J), ±10%(K), ±20%(M)



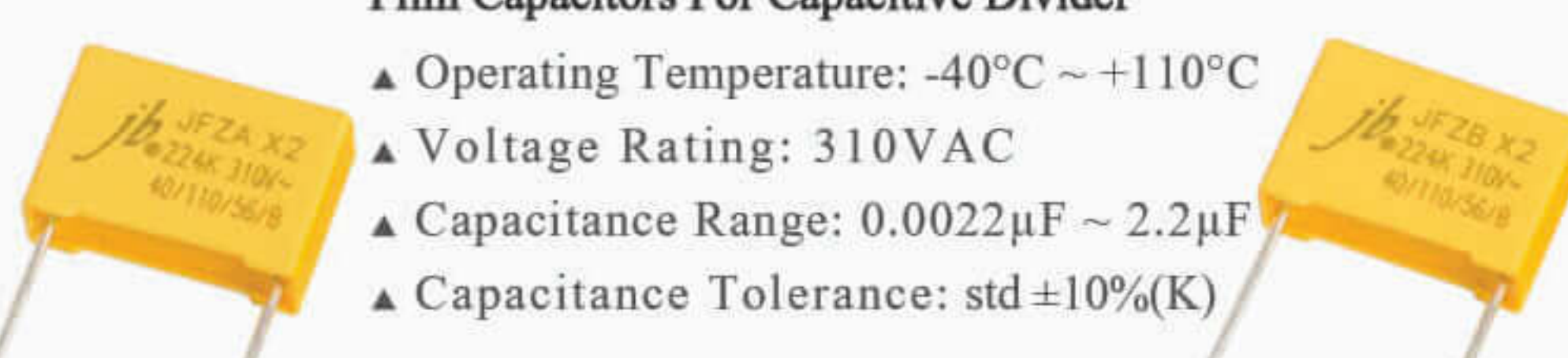
## JFD - Box Type Metallized Polyester Film Capacitors

- ▲ Reference Standard: GB7332 (IEC 60384-2)
- ▲ Rated Voltage: 63V,100V,160V,250V,400V,630VDC
- ▲ Capacitance Range: 0.001μF ~ 2.2μF
- ▲ Capacitance Tolerance: ±5%(J), ±10%(K), ±20%(M)



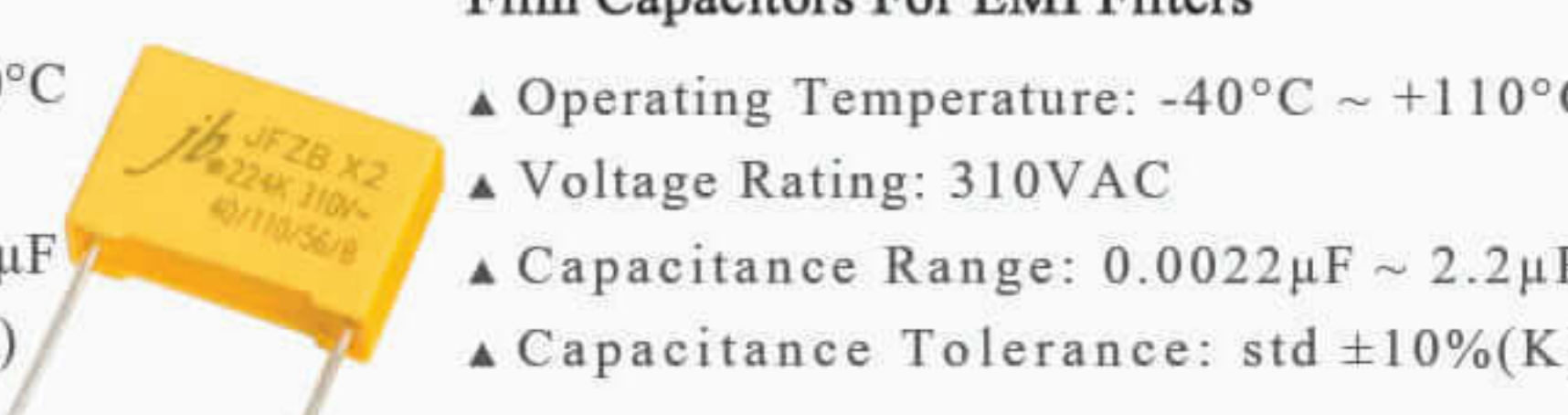
## JFZA - 310VAC X2 Metallized Polypropylene Film Capacitors For Capacitive Divider

- ▲ Operating Temperature: -40°C ~ +110°C
- ▲ Voltage Rating: 310VAC
- ▲ Capacitance Range: 0.0022μF ~ 2.2μF
- ▲ Capacitance Tolerance: std ±10%(K)



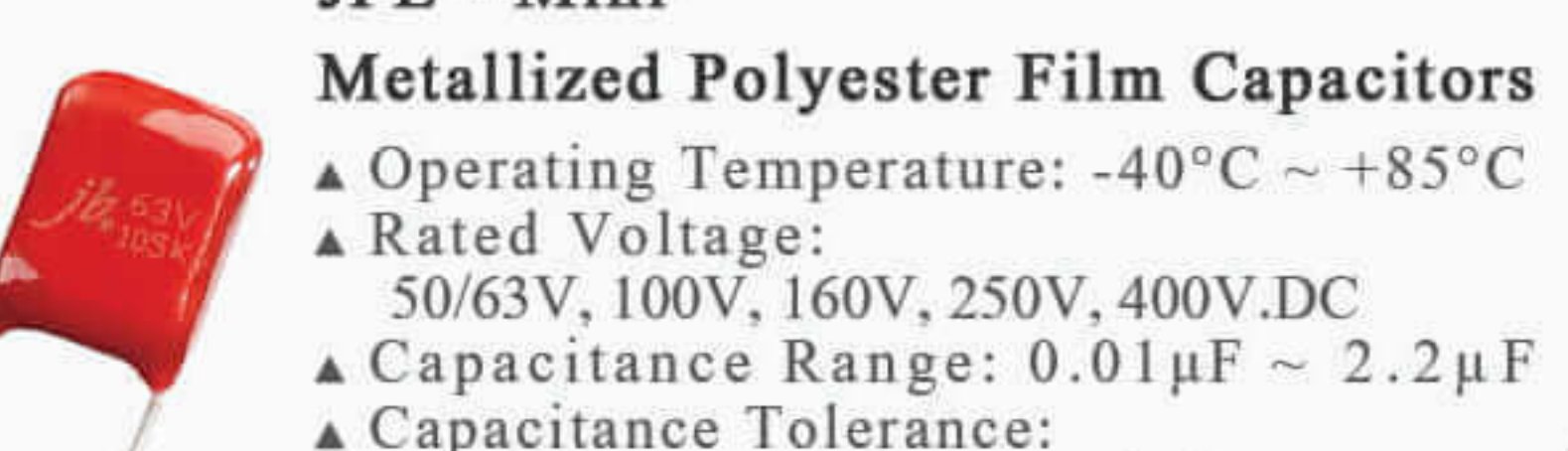
## JFZB - 310VAC X2 Metallized Polypropylene Film Capacitors For EMI Filters

- ▲ Operating Temperature: -40°C ~ +110°C
- ▲ Voltage Rating: 310VAC
- ▲ Capacitance Range: 0.0022μF ~ 2.2μF
- ▲ Capacitance Tolerance: std ±10%(K)



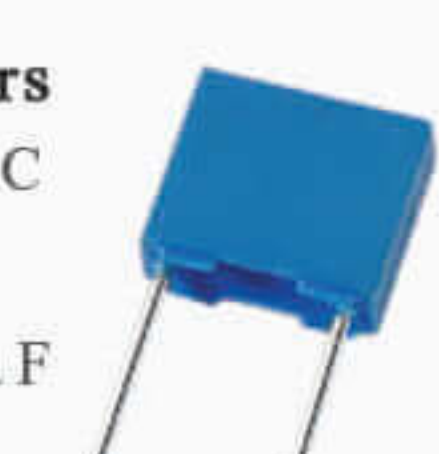
## JFE - Mini Metallized Polyester Film Capacitors

- ▲ Operating Temperature: -40°C ~ +85°C
- ▲ Rated Voltage: 50/63V, 100V, 160V, 250V, 400V.DC
- ▲ Capacitance Range: 0.01μF ~ 2.2μF
- ▲ Capacitance Tolerance: ±5%(J), ±10%(K), ±20%(M)



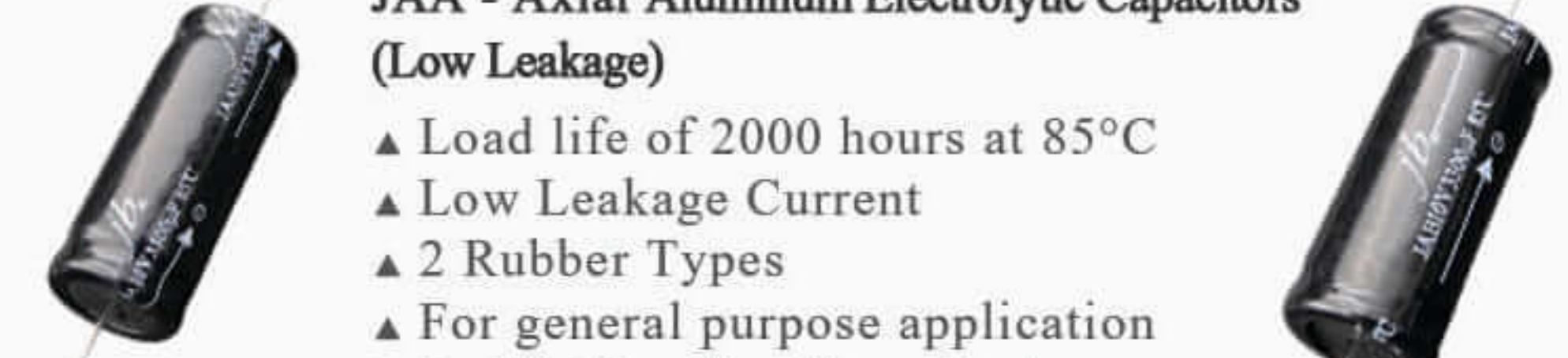
## JFF - Mini Box Metallized Polyester Film Capacitors

- ▲ Operating Temperature: -40°C ~ +85°C
- ▲ Rated Voltage: 50/63/100V, 250V, 400V, 630V.DC
- ▲ Capacitance Range: 0.001μF ~ 2.2μF
- ▲ Capacitance Tolerance: ±5% (J), ±10% (K)



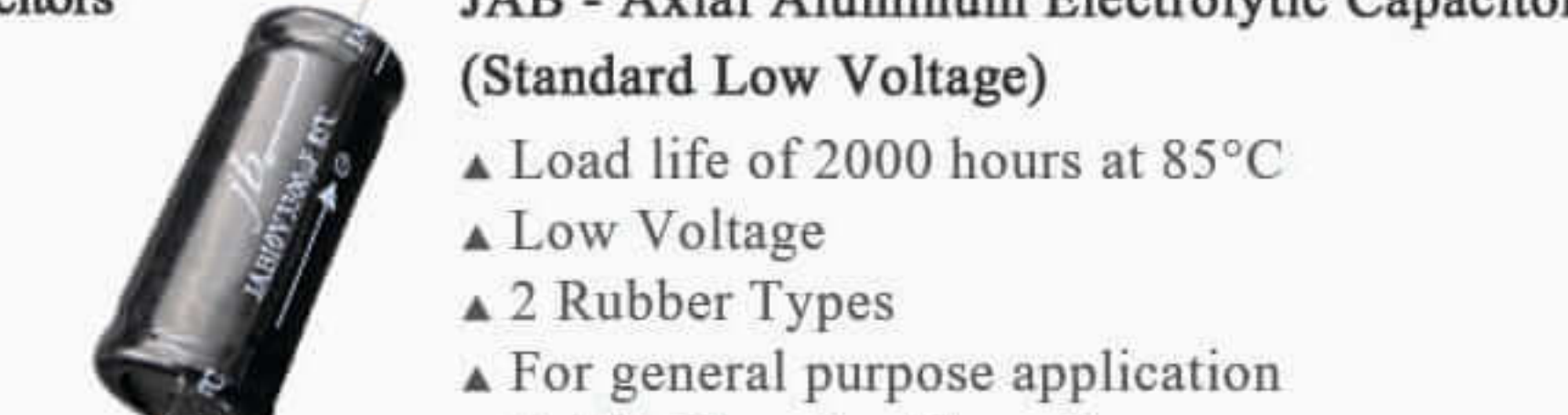
## JAA - Axial Aluminum Electrolytic Capacitors (Low Leakage)

- ▲ Load life of 2000 hours at 85°C
- ▲ Low Leakage Current
- ▲ 2 Rubber Types
- ▲ For general purpose application
- ▲ RoHS Directive Compliant



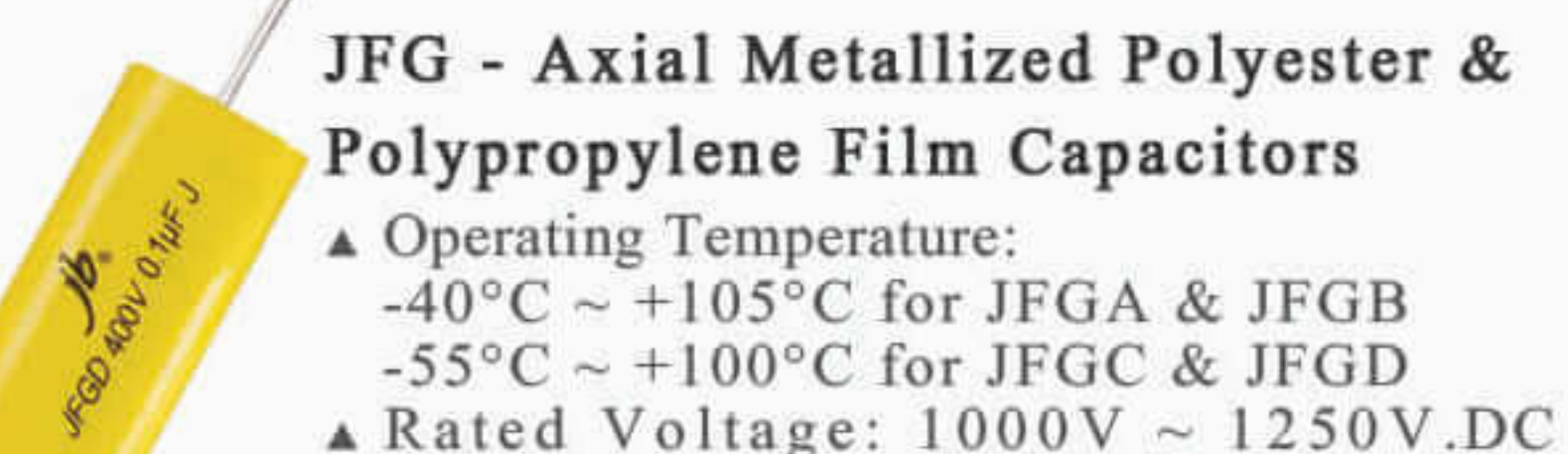
## JAB - Axial Aluminum Electrolytic Capacitors (Standard Low Voltage)

- ▲ Load life of 2000 hours at 85°C
- ▲ Low Voltage
- ▲ 2 Rubber Types
- ▲ For general purpose application
- ▲ RoHS Directive Compliant



## JFG - Axial Metallized Polyester & Polypropylene Film Capacitors

- ▲ Operating Temperature: -40°C ~ +105°C for JFGA & JFGB, -55°C ~ +100°C for JFGC & JFGD
- ▲ Rated Voltage: 1000V ~ 1250V.DC
- ▲ Capacitance Range: 0.01μF ~ 68μF
- ▲ Capacitance Tolerance: ±5%(J), ±10%(K)



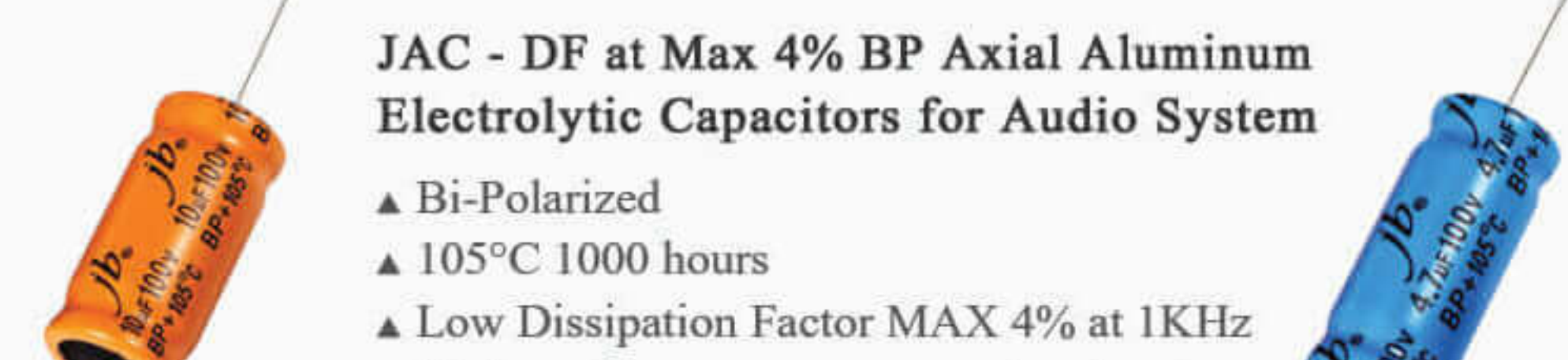
## JFH - Subminiature Size Metallized Polyester Film Capacitors

- ▲ Operating Temperature: -55°C ~ +85°C
- ▲ Rated Voltage: 100V.DC
- ▲ Capacitance Range: 0.001μF ~ 1.0μF
- ▲ Capacitance Tolerance: ±5%(J)



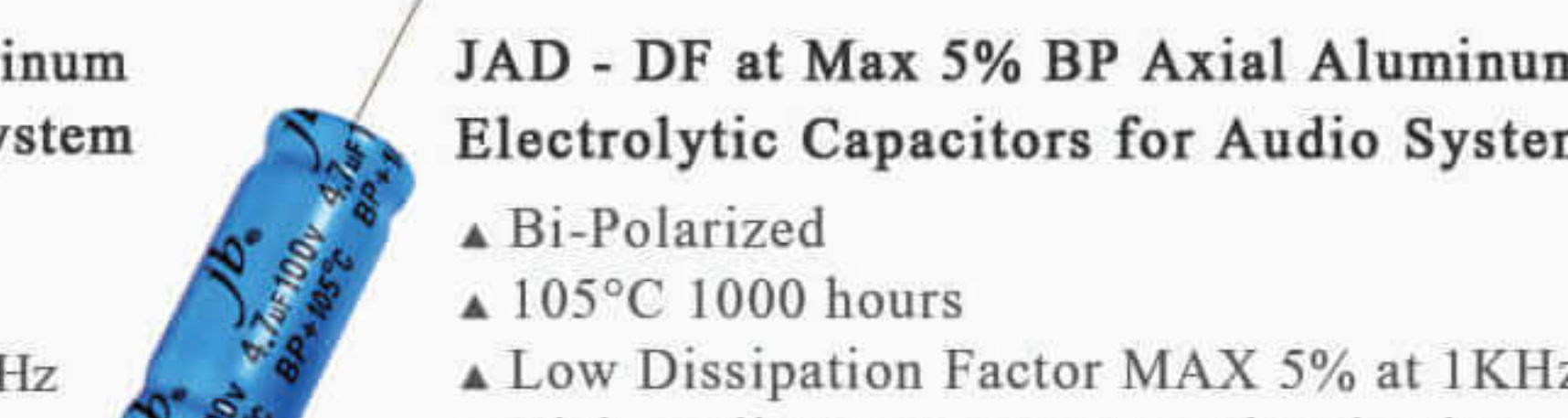
## JAC - DF at Max 4% BP Axial Aluminum Electrolytic Capacitors for Audio System

- ▲ Bi-Polarized
- ▲ 105°C 1000 hours
- ▲ Low Dissipation Factor MAX 4% at 1KHz
- ▲ High-quality crossover non-polar aluminum electrolytic capacitors



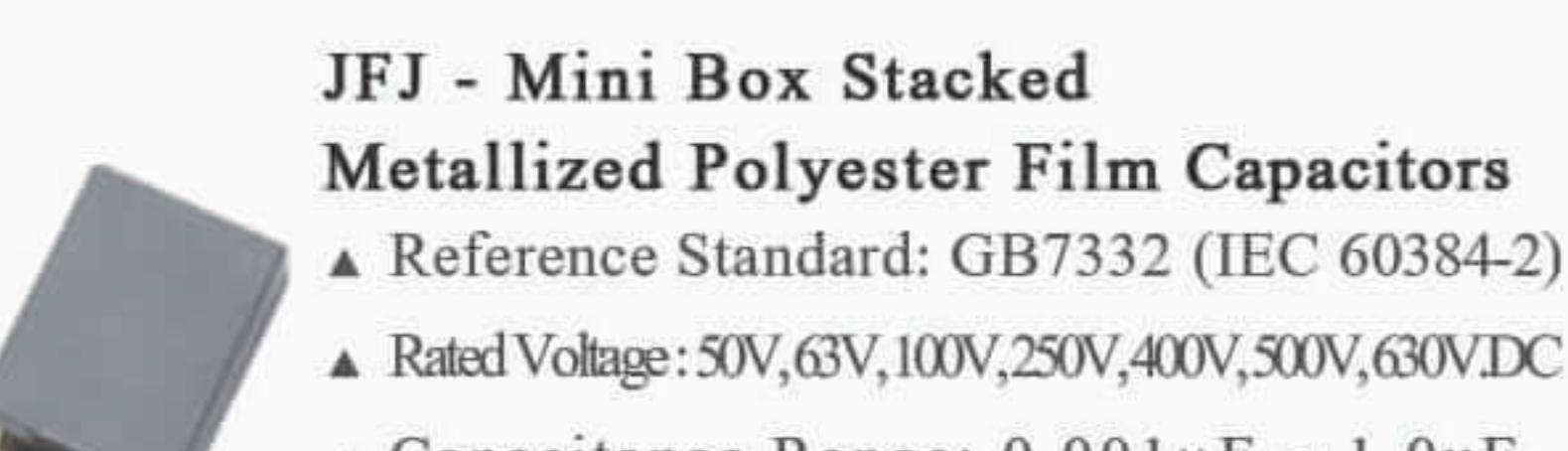
## JAD - DF at Max 5% BP Axial Aluminum Electrolytic Capacitors for Audio System

- ▲ Bi-Polarized
- ▲ 105°C 1000 hours
- ▲ Low Dissipation Factor MAX 5% at 1KHz
- ▲ High-quality crossover non-polar aluminum electrolytic capacitors



## JFJ - Mini Box Stacked Metallized Polyester Film Capacitors

- ▲ Reference Standard: GB7332 (IEC 60384-2)
- ▲ Rated Voltage: 50V,63V,100V,250V,400V,500V,630V.DC
- ▲ Capacitance Range: 0.001μF ~ 1.0μF
- ▲ Capacitance Tolerance: ±5%(J), ±10%(K), ±20%(M)



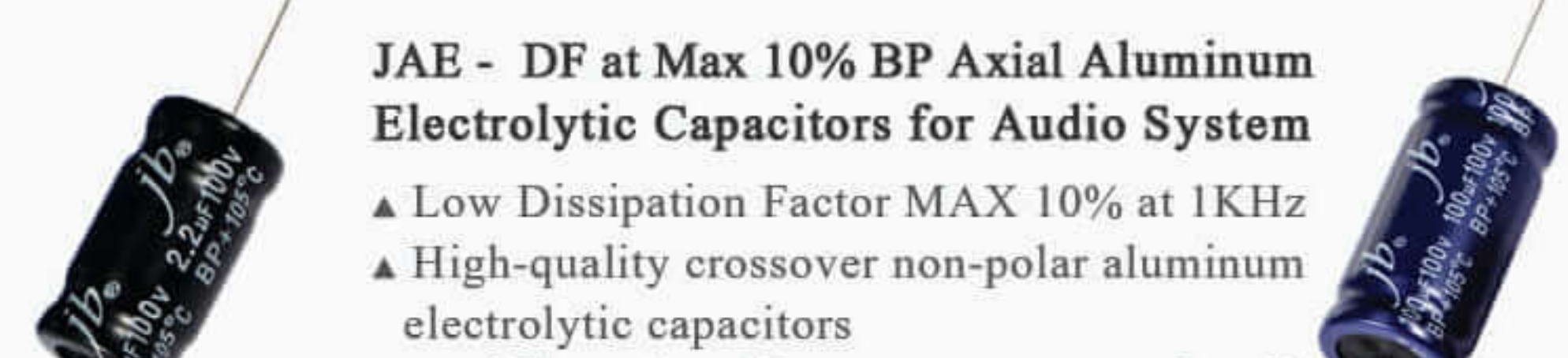
## JFL - Metallized Polypropylene Film Capacitors

- ▲ Operating Temperature: -40°C ~ +85°C
- ▲ Rated Voltage: 100V, 250V, 400V, 630V.DC
- ▲ Capacitance Range: 0.01μF ~ 10.0μF
- ▲ Capacitance Tolerance: ±5%(J), ±10%(K), ±20%(M)



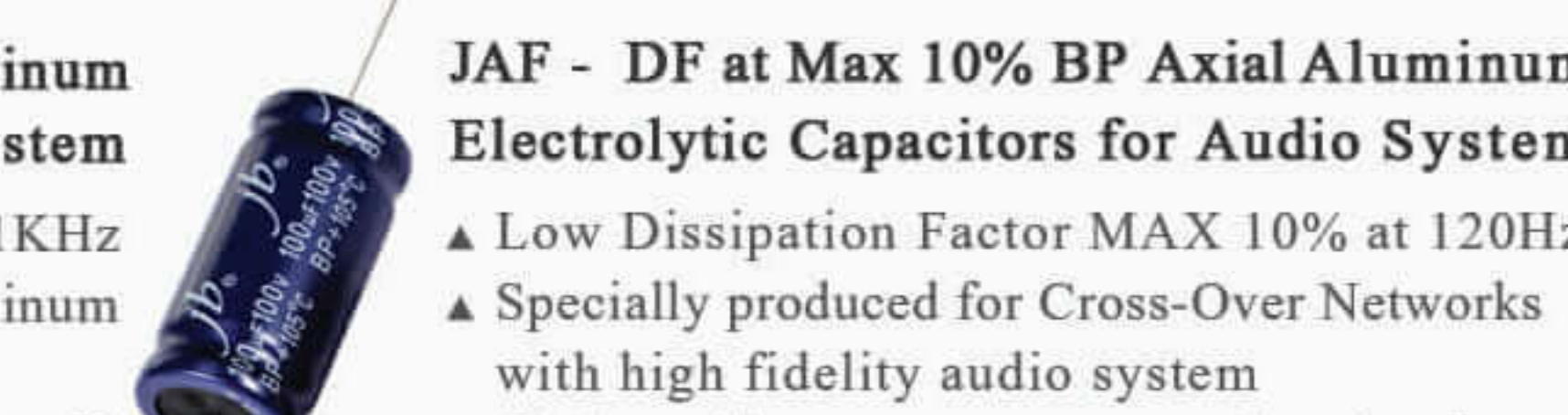
## JAE - DF at Max 10% BP Axial Aluminum Electrolytic Capacitors for Audio System

- ▲ Low Dissipation Factor MAX 10% at 1KHz
- ▲ High-quality crossover non-polar aluminum electrolytic capacitors
- ▲ Specially produced for Cross-Over Networks with high fidelity audio system



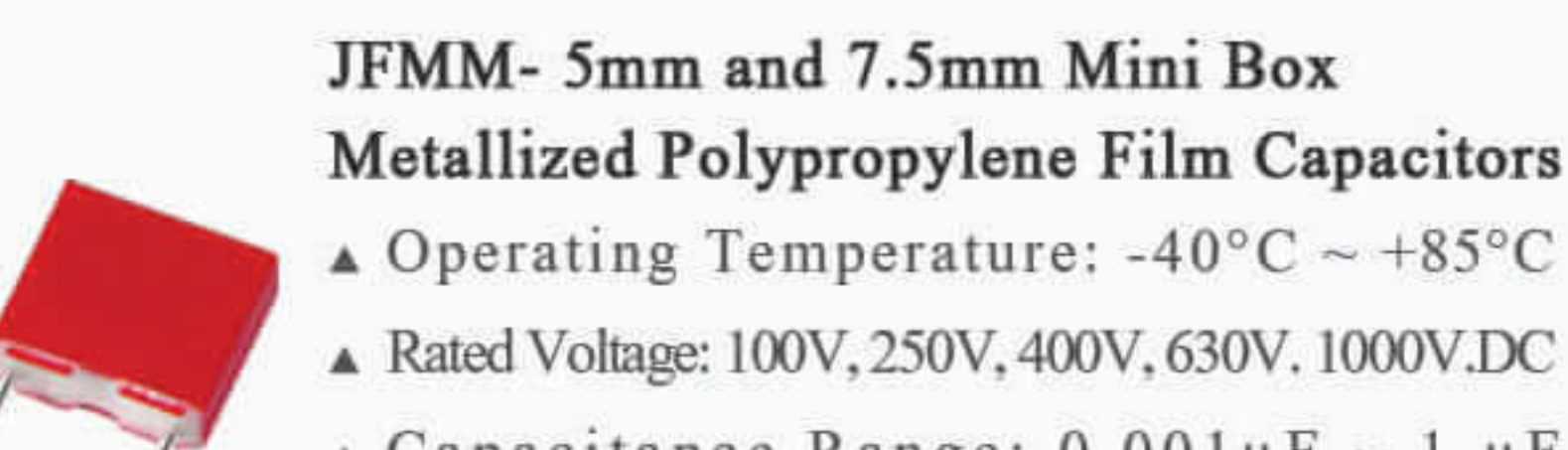
## JAF - DF at Max 10% BP Axial Aluminum Electrolytic Capacitors for Audio System

- ▲ Low Dissipation Factor MAX 10% at 120Hz
- ▲ Specially produced for Cross-Over Networks with high fidelity audio system
- ▲ High-quality crossover non-polar aluminum electrolytic capacitors



## JFMM - 5mm and 7.5mm Mini Box Metallized Polypropylene Film Capacitors

- ▲ Operating Temperature: -40°C ~ +85°C
- ▲ Rated Voltage: 100V, 250V, 400V, 630V, 1000V.DC
- ▲ Capacitance Range: 0.001μF ~ 1 μF
- ▲ Capacitance Tolerance: ±5%(J)



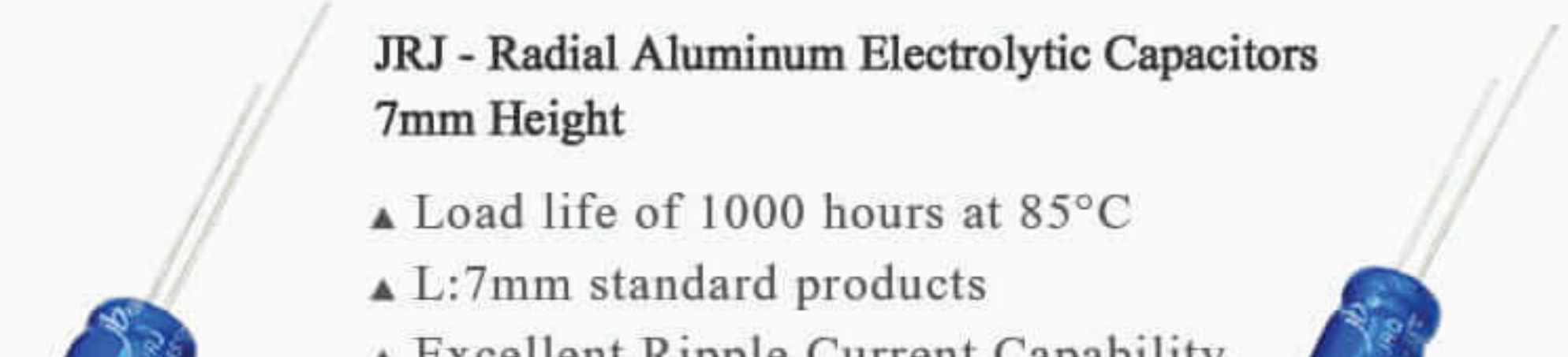
## JFLM - 5mm Mini Metallized Polypropylene Film Capacitors

- ▲ Operating Temperature: -40°C ~ +85°C
- ▲ Rated Voltage: 100V, 250V, 400V, 630V, 1000V.DC
- ▲ Capacitance Range: 0.001μF ~ 0.33μF
- ▲ Capacitance Tolerance: ±5%(J)



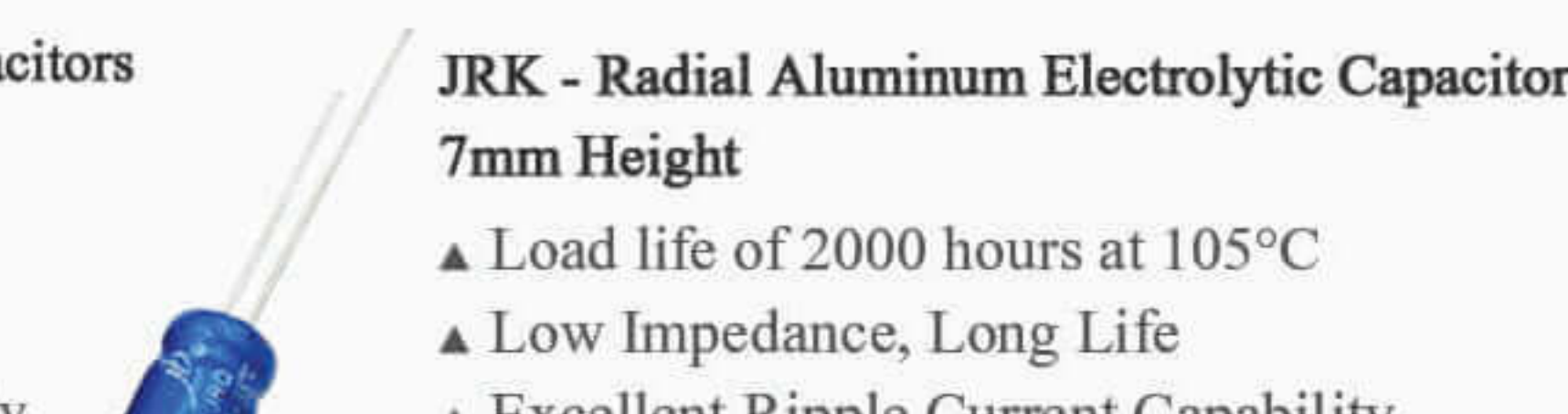
## JRJ - Radial Aluminum Electrolytic Capacitors 7mm Height

- ▲ Load life of 1000 hours at 85°C
- ▲ L:7mm standard products
- ▲ Excellent Ripple Current Capability
- ▲ RoHS Directive Compliant



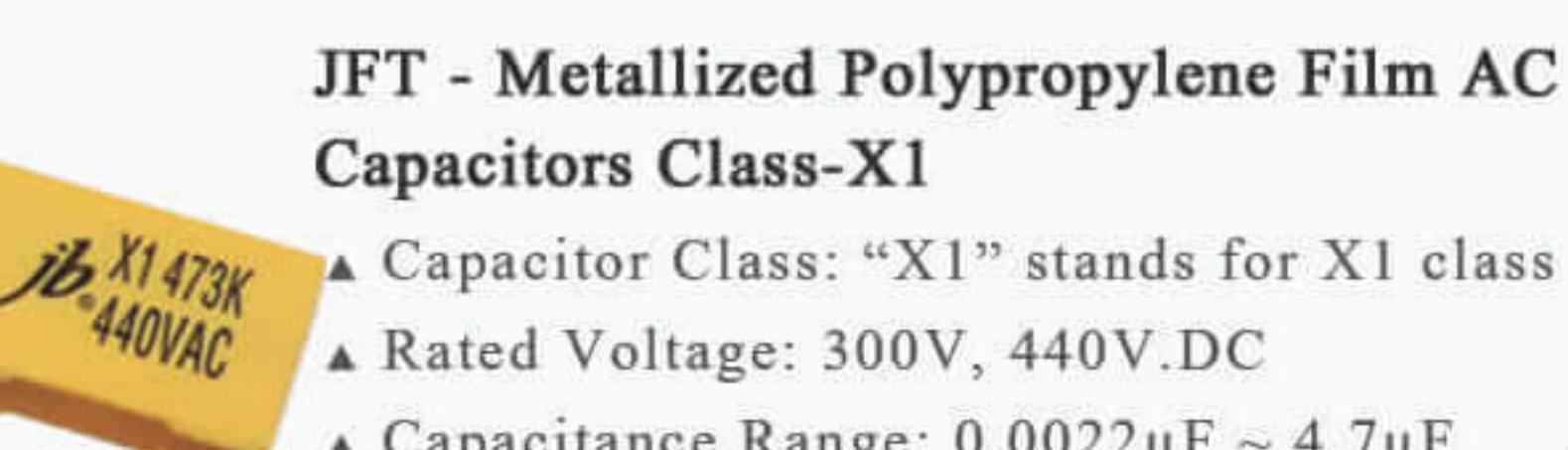
## JRK - Radial Aluminum Electrolytic Capacitors 7mm Height

- ▲ Load life of 2000 hours at 105°C
- ▲ Low Impedance, Long Life
- ▲ Excellent Ripple Current Capability
- ▲ RoHS Directive Compliant



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

- ▲ Capacitor Class: "X1" stands for X1 class
- ▲ Rated Voltage: 300V, 440V.DC
- ▲ Capacitance Range: 0.0022μF ~ 4.7μF
- ▲ Capacitance Tolerance: ±10%(K)



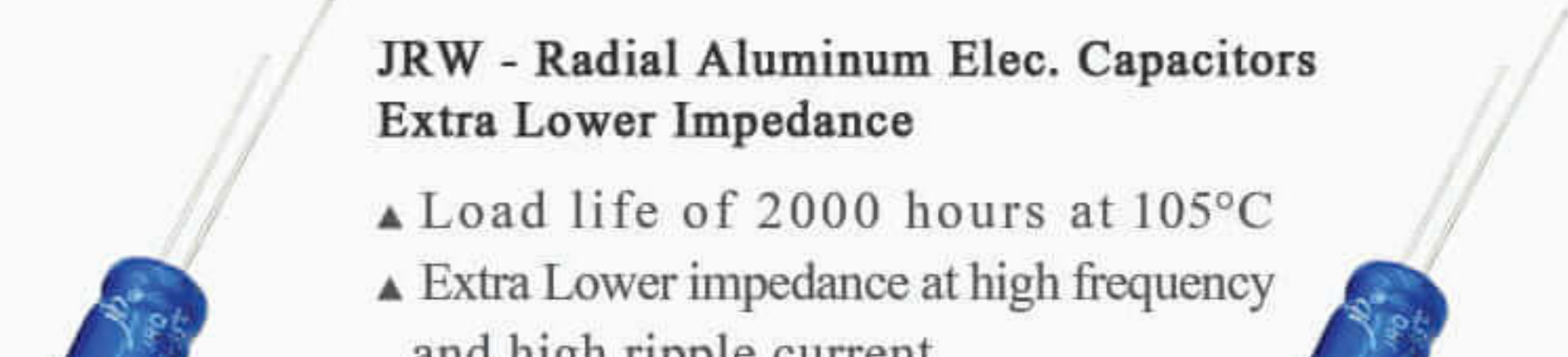
## JFR - Radial & Axial Polystyrene Film Capacitors

- ▲ Operating Temperature: -40°C ~ +70°C
- ▲ Rated Voltage: 50V, 100V, 125V, 250V, 500V, 630V.DC
- ▲ Capacitance Range: 10pF ~ 0.01μF
- ▲ Capacitance Tolerance: ±1%(F), ±2%(G), ±2.5%(H), ±5%(J), ±10%(K)



## JRW - Radial Aluminum Elec. Capacitors Extra Lower Impedance

- ▲ Load life of 2000 hours at 105°C
- ▲ Extra Lower impedance at high frequency and high ripple current
- ▲ RoHS Directive Compliant



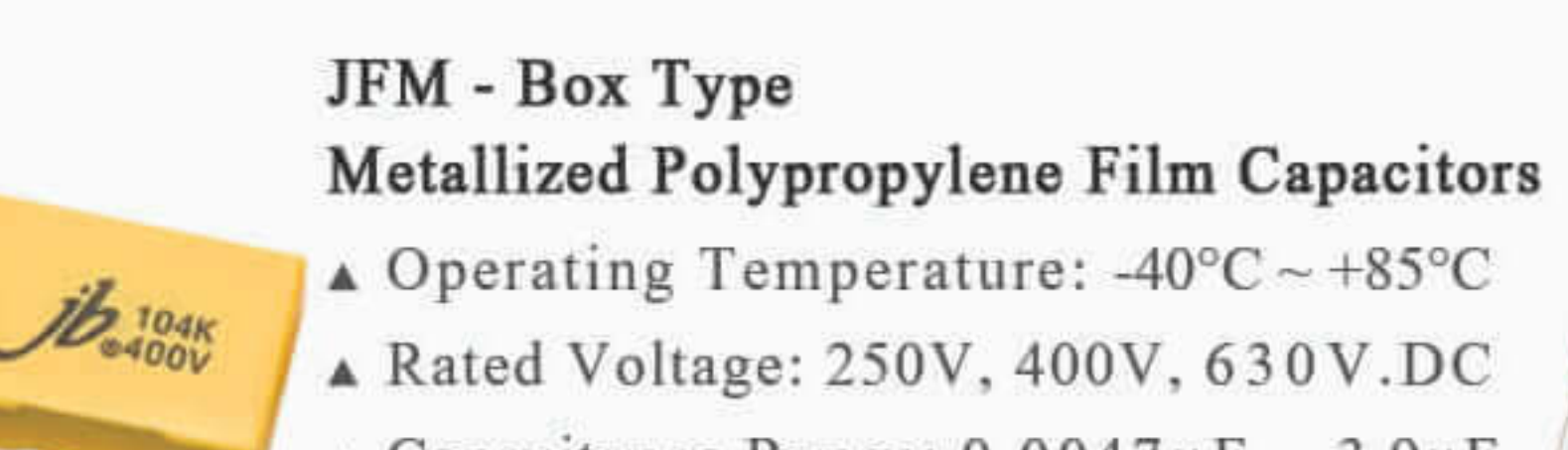
## JRQ - Bi-Polarized Radial Aluminum Electrolytic Capacitors

- ▲ Bi-Polarized
- ▲ 105°C 1000 hours
- ▲ Used in polarity reverse and change circuits



## JFM - Box Type Metallized Polypropylene Film Capacitors

- ▲ Operating Temperature: -40°C ~ +85°C
- ▲ Rated Voltage: 250V, 400V, 630V.DC
- ▲ Capacitance Range: 0.0047μF ~ 3.9μF
- ▲ Apacitance Tolerance: ±5%(J), ±10% (K)



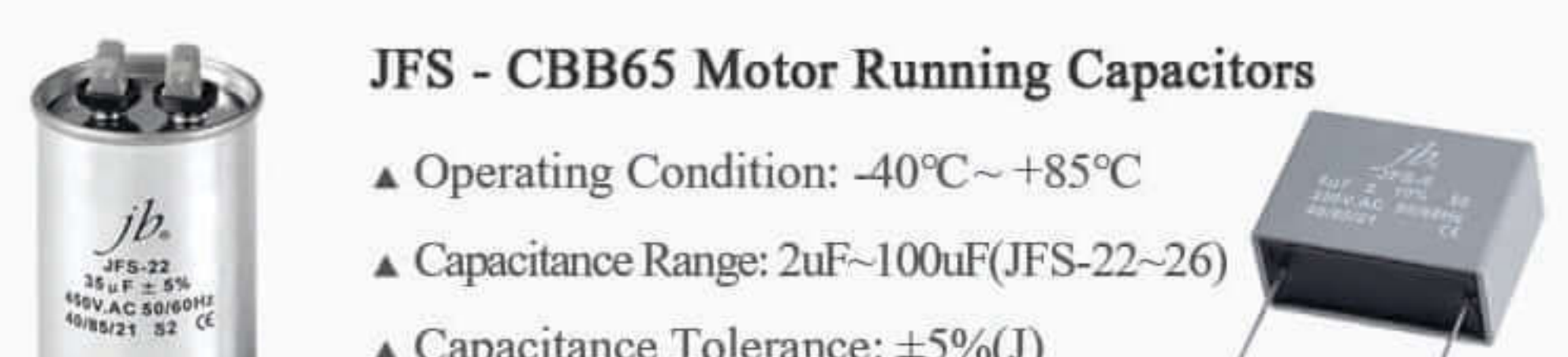
## JFP - High Voltage Metallized Polypropylene Film Capacitors

- ▲ Operating Temperature: -40°C ~ +85°C
- ▲ Rated Voltage: 1000V, 1250V, 1600V, 2000V.DC
- ▲ Capacitance Range: 0.001 ~ 0.15μF
- ▲ Capacitance Tolerance: ±5%(J), ±10%(K)



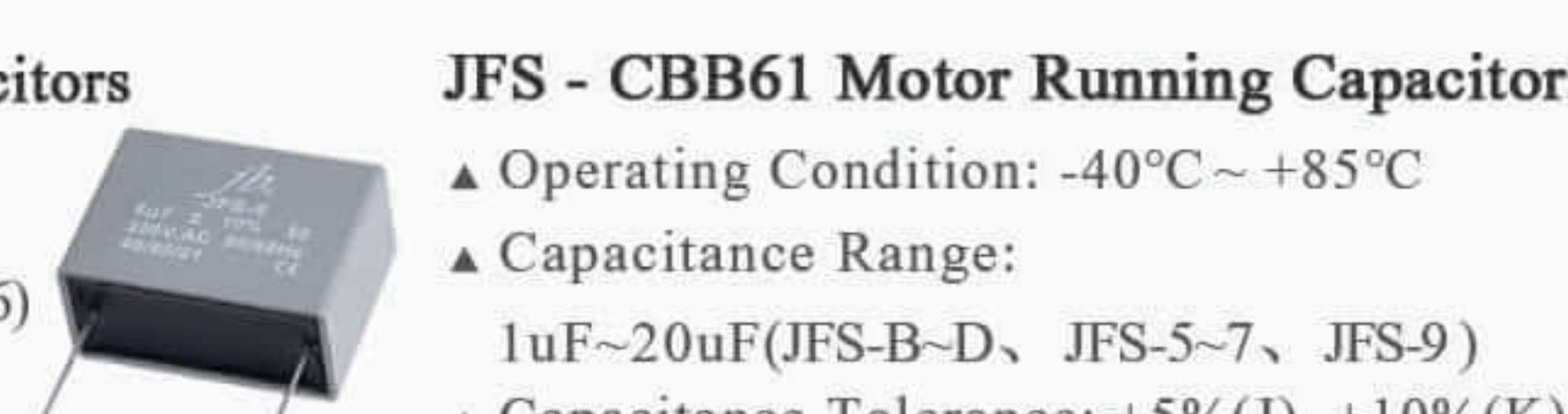
## JFS - CBB65 Motor Running Capacitors

- ▲ Operating Condition: -40°C ~ +85°C
- ▲ Capacitance Range: 2μF~100μF(JFS-22~26)
- ▲ Capacitance Tolerance: ±5%(J)
- ▲ Rated Voltage: 370V, 450VAC



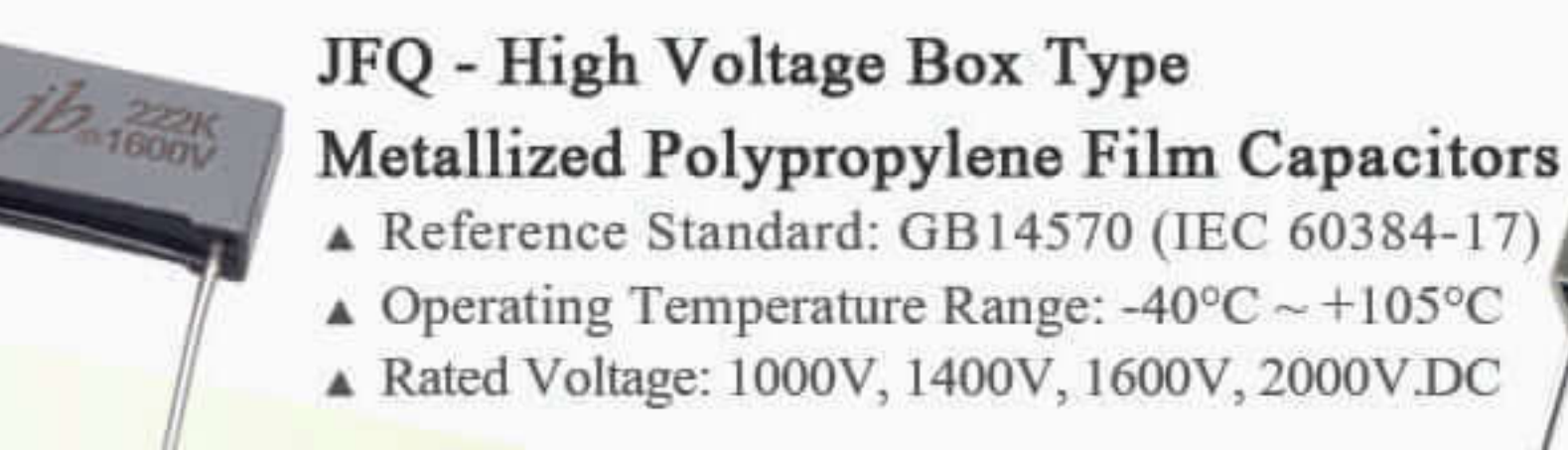
## JFS - CBB61 Motor Running Capacitors

- ▲ Operating Condition: -40°C ~ +85°C
- ▲ Capacitance Range: 1μF~20μF(JFS-B-D, JFS-5~7, JFS-9)
- ▲ Capacitance Tolerance: ±5%(J), ±10%(K)
- ▲ Rated Voltage: 250V, 450VAC



## JFQ - High Voltage Box Type Metallized Polypropylene Film Capacitors

- ▲ Reference Standard: GB14570 (IEC 60384-17)
- ▲ Operating Temperature Range: -40°C ~ +105°C
- ▲ Rated Voltage: 1000V, 1400V, 1600V, 2000V.DC



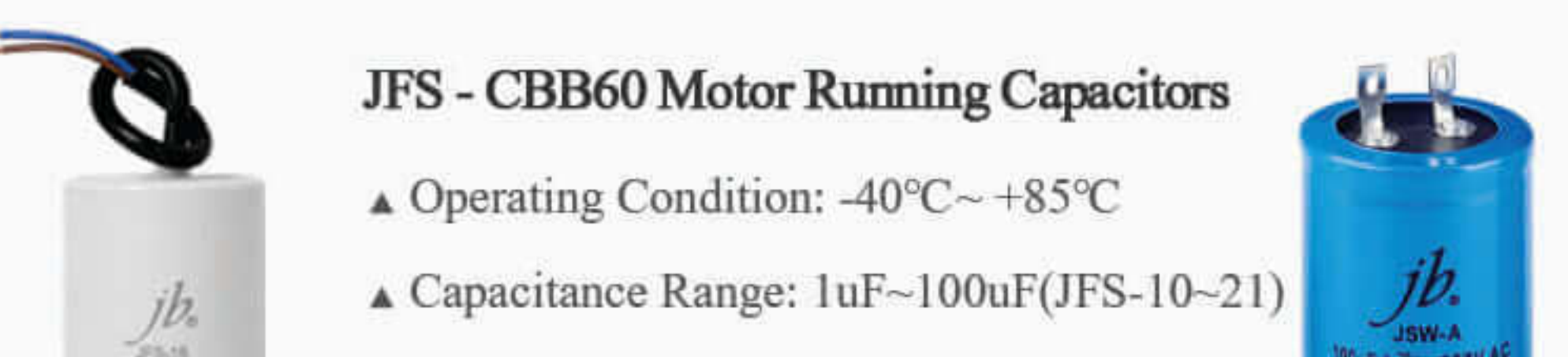
## JFQD - Double Sided Box Type Metallized Polypropylene Film Capacitors

- ▲ Reference Standard: GB/T14579 (IEC 60384-17)
- ▲ Operating Temperature Range: -40°C ~ +85°C
- ▲ Rated Voltage: 630V, 1600V, 2000V.DC
- ▲ Capacitance Range: 0.001μF ~ 0.068μF



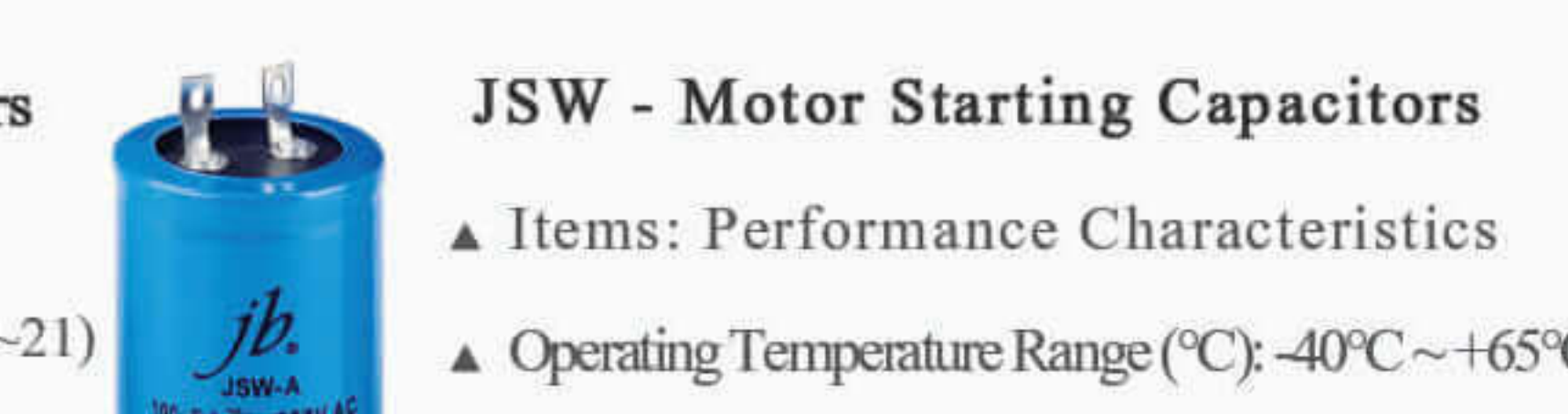
## JFS - CBB60 Motor Running Capacitors

- ▲ Operating Condition: -40°C ~ +85°C
- ▲ Capacitance Range: 1μF~100μF(JFS-10~21)
- ▲ Capacitance Tolerance: ±5%(J), ±10%(K)
- ▲ Rated Voltage: 250V, 450V (AC)



## JSW - Motor Starting Capacitors

- ▲ Items: Performance Characteristics
- ▲ Operating Temperature Range (°C): -40°C ~ +65°C
- ▲ Rated Voltage: 110~330V.AC
- ▲ Capacitance Tolerance: -10% ~ +20%
- ▲ Capacitance: 50μF ~ 1500μF



# ALUMINUM ELECTROLYTIC CAPACITORS

## Radial / Axial / SMD / Snap-in / Screw / Lug

### SMD Type Aluminum Electrolytic Capacitors

- ▲ JCS - 2000H at 85°C, General type, Popular
- ▲ JCK - 1000H at 105°C, General type, Best Seller
- ▲ JCC - 2000H at 85°C, Low Leakage
- ▲ JCD - 2000H at 105°C, Low Impedance
- ▲ JCE - 3000H at 105°C, Long Life Assurance
- ▲ JCL - 5000H at 105°C, Long Life
- ▲ JCN - 1000H at 85°C, Bi-polar
- ▲ JCZ - 3000H at 105°C, Extra Lower Impedance
- ▲ JCV - 3000H at 105°C, Long Life Assurance
- ▲ JCA - 6000H at 105°C, Long Life Assurance
- ▲ JCW - 10000H at 105°C, Long Life Assurance



### Radial Type Aluminum Electrolytic Capacitors

- ▲ JRA - 2000H at 85°C, High Ripple Current
- ▲ JRB - 2000H at 105°C, Miniature and Large Capacity
- ▲ JRC - 2000H at 105°C, Switch Power Supply
- ▲ JRD - 5000H at 105°C, Low Impedance, Long Life
- ▲ JRG - 10000H at 105°C, High Ripple Current



### Snap-in, Screw, Lug Tye Aluminum Electrolytic Capacitors

- ▲ JML - 2000Hours at 105°C, High Ripple Current
- ▲ JNC - 2000Hours at 85°C, High Ripple Current
- ▲ JNJ - 3000Hours at 105°C, Miniaturized, Long Life Snap-in
- ▲ JSU - 2000Hours at 85°C, Photo Flash, High Stability

