



**Aluminum Electrolytic Capacitors**



**JCS** - SMD Type, 85°C, 2000 hours  
**SPECIFICATIONS:**  
 1. Operating Temperature: -40°C ~ +85°C  
 2. Voltage Range: 4V ~ 105V DC  
 3. Capacitance Range: 0.1 ~ 10000µF  
 4. Capacitance Tolerance: ±20% at 120Hz, 20°C



**JCK** - SMD Type, 105°C, 1000 to 2000 hours  
**SPECIFICATIONS:**  
 1. Operating Temperature: -40°C ~ +105°C  
 2. Voltage Range: 4V ~ 105V DC  
 3. Capacitance Range: 0.1 ~ 10000µF  
 4. Capacitance Tolerance: ±20% at 120Hz, 20°C



**JCC** - SMD Type, 105°C, 2000 hours  
**SPECIFICATIONS:**  
 1. Operating Temperature: -40°C ~ +105°C  
 2. Voltage Range: 6.3V ~ 50V DC  
 3. Capacitance Range: 0.1 ~ 2200µF  
 4. Capacitance Tolerance: ±20% at 120Hz, 20°C



**JCD** - SMD Type, 105°C, 2000 hours  
**SPECIFICATIONS:**  
 1. Operating Temperature: -55°C ~ +105°C  
 2. Voltage Range: 6.3V ~ 50V DC  
 3. Capacitance Range: 1 ~ 4700µF  
 4. Capacitance Tolerance: ±20% at 120Hz, 20°C



**PSS** - 2000H at 105°C Standard Low ESR Radial Polymer Aluminum Solid Electrolytic Capacitors  
**SPECIFICATIONS:**  
 1. Operating Temperature: -55°C ~ +105°C  
 2. Voltage Range: 2.5V ~ 25V DC  
 3. Capacitance Range: 66 ~ 2200µF  
 4. Capacitance Tolerance: ±20% at 120Hz, 20°C



**PSR** - 2000H at 105°C Super Low ESR Radial Polymer Aluminum Solid Electrolytic Capacitors  
**SPECIFICATIONS:**  
 1. Operating Temperature: -55°C ~ +105°C  
 2. Voltage Range: 2.5V ~ 25V DC  
 3. Capacitance Range: 66 ~ 2200µF  
 4. Capacitance Tolerance: ±20% at 120Hz, 20°C



**JAB** - 2000H at 85°C, Axial Aluminum Electrolytic Capacitor  
**SPECIFICATIONS:**  
 1. Operating Temperature: -40°C ~ +85°C  
 2. Capacitance Tolerance (20°C, 120Hz): ±20%



**JAH** - 1000H at 105°C, Axial Aluminum Electrolytic Capacitor  
**SPECIFICATIONS:**  
 1. Operating Temperature: -40°C ~ +105°C  
 2. Capacitance Tolerance (20°C, 120Hz): ±20%



**JRA** - 2000H at 85°C, Radial Aluminum Electrolytic Capacitor  
**SPECIFICATIONS:**  
 1. Operating Temperature Range: -40°C ~ +85°C  
 2. Capacitance Tolerance (25°C, 120Hz): ±20%



**JRB** - 2000H at 105°C, Radial Aluminum Electrolytic Capacitor  
**SPECIFICATIONS:**  
 1. Operating Temperature Range: -40°C ~ +105°C  
 2. Capacitance Tolerance (20°C, 120Hz): ±20%



**JRC** - 2000H at 105°C, Radial Aluminum Electrolytic Capacitor  
**SPECIFICATIONS:**  
 1. Operating Temperature Range: -40°C ~ +105°C  
 2. Capacitance Tolerance (25°C, 120Hz): ±20%



**JRD** - 5000H at 105°C, Radial Aluminum Electrolytic Capacitor  
**SPECIFICATIONS:**  
 1. Operating Temperature Range: -40°C ~ +105°C  
 2. Capacitance Tolerance (25°C, 120Hz): ±20%



**Snap-in Type**  
**JNC** - Snap-in Type, 2000H at 85°C, for Speaker Network  
**JNE** - Snap-in Type, 2000H at 105°C, Miniaturized  
**JNG** - Snap-in Type, 5000H at 85°C, Miniaturized  
**JNJ** - Snap-in Type, 3000H at 105°C, Miniaturized  
**JNK** - Snap-in Type, 5000H at 105°C, Long Life



**Screw Type**  
**JML** - Screw Type, 2000H at 105°C, Long Life  
**JMN** - Screw Type, 5000H at 85°C, Long Life  
**JMQ** - Screw Type, 5000H at 105°C, For Inverter  
**JMJ** - Screw Type, 2000H at 85°C, Miniaturized



**Lug Type**  
**JBU** - Lug Type, For Photo Flash  
**JBS** - Lug Type, 85°C, Miniaturized Size



**JSW** - Motor Starting Capacitor  
**SPECIFICATIONS:**  
 1. Operating Temperature Range: -40°C ~ +85°C  
 2. Capacitance Tolerance: -10% ~ +20%  
 3. Capacitance Range: 50 ~ 1500µF  
 4. Rated Voltage Range: 110 ~ 330V AC

**Motor Capacitors**



**JFS** - Microwave Ovens Capacitor-30  
**SPECIFICATIONS:**  
 1. AMBIENT TEMP: -10°C ~ +85°C  
 2. Rated Voltage: <math> < 3000VAC </math>  
 3. Range of Capacitance: 0.5µF ~ 1.4µF  
 4. Frequency: 50HZ-60HZ



**JFS** - Motor Running Capacitor-CBB61  
**SPECIFICATIONS:**  
 1. Operating Condition: -40°C ~ +85°C  
 2. Rated Voltage: 250V AC, 450V AC  
 3. Capacitance Range: 1µF ~ 20µF (JFS-B-0, JFS-B-1, JFS-B-2)  
 4. Capacitance Tolerance: ±5%, ±10%



**JFS** - Motor Running Capacitor-CBB60  
**SPECIFICATIONS:**  
 1. Operating Condition: -40°C ~ +85°C  
 2. Rated Voltage: 250V AC, 450V AC  
 3. Capacitance Range: 2µF ~ 100µF (JFS-D-1, JFS-D-2)  
 4. Capacitance Tolerance: ±5%, ±10%



**JFS** - Motor Running Capacitor-CBB65  
**SPECIFICATIONS:**  
 1. Operating Condition: -40°C ~ +85°C  
 2. Rated Voltage: 370V AC, 450V AC  
 3. Capacitance Range: 2µF ~ 100µF (JFS-D-1, JFS-D-2)  
 4. Capacitance Tolerance: ±5%



## Plastic Film Capacitors



### JFA - Mylar Polyester Film Capacitor

- SPECIFICATIONS:**  
 1. Operating Temperature : -40°C ~ +85°C  
 2. Rated Voltage : 100V, 250V, 400V, 630V, 1000V, 1250V DC  
 3. Capacitance Range : 0.001 ~ 0.22µF  
 4. Capacitance Tolerance : ±5%, ±10%, ±20%



### JFB - Metallized Polyester Film Capacitor

- SPECIFICATIONS:**  
 1. Operating Temperature : -40°C ~ +85°C  
 2. Rated Voltage : 100VDC, 250VDC, 400VDC, 630VDC  
 3. Capacitance Range : 0.01 ~ 8µF  
 4. Capacitance Tolerance : ±5%, ±10%, ±20%



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

- SPECIFICATIONS:**  
 1. Temperature Range : -40°C ~ +85°C  
 2. Rated Voltage : 250VAC  
 3. Capacitance Range : 0.01 ~ 1.5µF  
 4. Capacitance Tolerance : ±5%, ±10%, ±20%



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

- SPECIFICATIONS:**  
 1. Operating Temperature : -40°C ~ +105°C for JFGA & JFGB  
 2. Rated Voltage : -85°C ~ +100°C for JFGC & JFGD  
 3. Capacitance Range : 0.01 ~ 68µF  
 4. Capacitance Tolerance : ±5%, ±10%



### JFD - Box Type Met Polyester Film Capacitor

- SPECIFICATIONS:**  
 1. Reference Standard : GB7332 (IEC 60384-2)  
 2. Climatic Category : 40/55/21  
 3. Rated Voltage : 80V, 150V, 160V, 250V, 400V, 630V DC  
 4. Capacitance Range : 0.001 ~ 2.2µF  
 5. Capacitance Tolerance : ±5%, ±10%, ±20%



### JFE - Mini Metallized Polyester Film Capacitor

- SPECIFICATIONS:**  
 1. Operation Temperature : -40°C ~ +85°C  
 2. Rated Voltage : 50/63V, 100V, 250V, 400V, 630V DC  
 3. Capacitance Range : 0.001 ~ 3.3µF  
 4. Capacitance Tolerance : ±5%



### JFL - Metallized Polypropylene Film Capacitor

- SPECIFICATIONS:**  
 1. Operating Temperature : -40°C ~ +85°C  
 2. Rated Voltage : 100V, 250V, 400V, 630V DC  
 3. Capacitance Range : 0.01 ~ 10.0µF  
 4. Capacitance Tolerance : ±5%, ±10%, ±20%



### JFP - High Voltage Met Polypropylene Film Capacitor

- SPECIFICATIONS:**  
 1. Operating Temperature : -40°C ~ +85°C  
 2. Rated Voltage : 1000V, 1250V, 1600V, 2000V DC  
 3. Capacitance Range : 0.001 ~ 0.15µF  
 4. Capacitance Tolerance : ±5%, ±10%



### JFW - X2 Metallized Polypropylene Film Capacitor (310VAC)

- SPECIFICATIONS:**  
 1. Voltage Rating : 310VAC  
 2. Capacitance Range : 0.0047 ~ 10µF  
 3. Capacitance Tolerance : ±5% (10%)  
 4. Operating Temperature : -40°C to 110°C



### JFM - Box Type Metallized Polypropylene Film Capacitors

- SPECIFICATIONS:**  
 1. Operating Temperature : -40°C ~ +85°C  
 2. Rated Voltage : 250V, 400V, 630V DC  
 3. Capacitance Range : 0.0047 ~ 3.9µF  
 4. Capacitance Tolerance : ±5%, ±10%  
 5. Insulation Resistance : C40, 33µF: IR≥5000MΩ/hm  
 C>0.33µF: IR≥15000MΩ/hm  
 0.1% max. at RH=20°C  
 6. Dissipation Factor : 160% of rated voltage for 60 sec.  
 7. Dielectric Strength



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

- SPECIFICATIONS:**  
 1. Operating Temperature : -55°C ~ +105°C  
 2. Rated Voltage : 50/63VDC, 100VDC, 250VDC, 400VDC, 500VDC, 630VDC  
 3. Capacitance Range : 0.001 ~ 10µF  
 4. Capacitance Tolerance : ±5%(J), ±10%(K), ±20%(M)



### JFQ - High Voltage Box Type Met Polypropylene Film Capacitor

- SPECIFICATIONS:**  
 1. Operating Temperature Range : -40°C ~ +105°C  
 2. Rated Voltage : 1000V, 1400/1600V, 2000V DC  
 3. Capacitance Range : 0.00022 ~ 3.9µF  
 4. Capacitance Tolerance : ±2%, ±3%, ±5%, ±10%, ±20%



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

- SPECIFICATIONS:**  
 1. Operating Temperature : -55°C ~ +85°C  
 2. Rated Voltage : 250V, 400V, 630V DC  
 3. Capacitance Range : 0.047~100µF  
 4. Capacitance Tolerance : ±3%, ±5%, 1KHz



### JSX - Superior Metallized Polypropylene Film Capacitors - Axial

- SPECIFICATIONS:**  
 1. Operation Temperature : -55°C ~ +85°C  
 2. Rated Voltage : 250V, 400V, 630V DC  
 3. Capacitance Range : 0.1~100µF  
 4. Capacitance Tolerance : ±3%(E), ±5%(J) 1KHz



### JLX - Luxury Aluminum Foil and Film Metallized Polypropylene Capacitors-Axial

- SPECIFICATIONS:**  
 1. Operating temperature : -55°C ~ +85°C  
 2. Rated voltage : 100V, 200V DC  
 3. Capacitance Range : 1~10µF  
 4. Capacitance tolerance : ±3%(E) 1KHz



### JGX - Gold Copper Tube and Film Metallized Polypropylene Capacitors - Axial

- SPECIFICATIONS:**  
 1. Operating temperature : 40°C ~ +85°C  
 2. Rated voltage : 250V/630V DC  
 3. Capacitance Range : 0.047µF ~ 47µF  
 4. Capacitance tolerance : J(±5%)

## Ceramic Capacitors



### JYA - X1/Y1 and Y2AC Safety Standard Recognized Capacitors

- SPECIFICATIONS:**  
 1. Operating Temperature : -25°C ~ +85°C  
 Capacitance Range : 10pF To 10000pF  
 3. Capacitance Tolerance : ±10%, ±20%, ±80-20%  
 4. Sub-class of safety performance : CD(X1Y1), CE(X1Y2)  
 Temperature Coefficient:  
 2B(Y5P)±10%, 2E(Y5U)±25%~56%, 2F(Y5V)±22%~82%



### JYC - High Voltage Ceramic Radial Type Disc Capacitor

- SPECIFICATIONS:**  
 1. Operating Condition : 25°C ~ +85°C  
 2. Rated Working Voltage : 1KV ~ 15KV DC  
 3. Capacitance Range : 100pF ~ 10,000pF  
 4. Test Voltage : UR=500V, U<sub>1</sub>=2.5UR, UR=500V/50V, U<sub>1</sub>=1.5UR/500V, UR=8KV/15KV, U<sub>1</sub>=1.5UR



### JYM - Multilayer (Mono) Ceramic Capacitors

- SPECIFICATIONS:**  
 1. Capacitance Range : 1pF ~ 10nF (NPO/COG) 100pF~5µF (X7R/B) 1nF~14.7nF (Y5V/Y7F) & (Z5U/E) 0.039pF/68°C ~ +125°C (NPO/COG) ±15%~-55°C ~ +125°C (X7R/B) +30%~-80%~-25°C ~ +85°C (Y5V/Y7F) ±22%~-85%~-10°C ~ +85°C (Z5U/E)



### JYS - SMD Multilayer Ceramic Chip Capacitors

- SPECIFICATIONS:**  
 1. Terminations : Tin / Nickel  
 2. Voltage : 4, 6, 8, 10, 25, 50 VDC  
 3. Capacitance : 0.1pF ~ 100µF  
 4. Tolerance : ±0.1pF ~ 20%  
 5. Operating Temperature Range : NPO, X7R, X7T, X7S ~ ±125°C; X6S ~ ±5 ~ +105°C; X5R ~ ±5 ~ +85°C; Y5V ~ 30 ~ +85°C

## Super Capacitors



### JGA - 5.5V Standard Coin Type Super Capacitors

- SPECIFICATIONS:**  
 1. Rated voltage VR : 5.5V  
 2. Surge voltage : 3.8V  
 3. Capacity range : 0.1F~1.5F  
 4. Operating temperature range : -25°C ~ +70°C  
 5. Product life :  
 1) Normal temperature cycle life: 25°C, 500,000 cycles between VR and 1/2VR, Capacity attenuations30%, ESR changes4 times.  
 2) High temperature endurance life: 70°C, maintain VR, 1000 hours, Capacity attenuations30%, ESR changes4 times.



### JGZ - Radial, Snap-in, Screw Type Super Capacitors

- SPECIFICATIONS:**  
 1. Type Name : JGZ 2R7 / JGZ 3R0  
 2. Rated Voltage VR : 2.7V / 3.0V  
 3. Surge Voltage : 2.85V / 3.15V  
 4. Capacity Range : 0.1F~3000F / 1F~500F  
 5. Operating Temperature Range : -40 ~ +70°C / -40 ~ +85°C  
 6. Product Life :  
 1) Normal temperature cycle life: 25°C, 1 million cycles between VR and 1/2VR, ESR capacity attenuations30%, ESR changed4 times.  
 2) High temperature endurance life: Maximum temperature reduction VR: 1000 hours, Capacity attenuations30%, ESR changed4 times.

## Trimming Potentiometers



### JBR-3006

Multiturn : 3 Terminal Styles Trimming Potentiometers



### JBR-3266

Multiturn : 5 Terminal Styles Trimming Potentiometers



### JBR-3296

Multiturn : 5 Terminal Styles Trimming Potentiometers



### JBR-3362

Single turn : 9 Terminal Styles Trimming Potentiometers



### JBR-3386

Single turn : 11 Terminal Styles Trimming Potentiometers



### JBR-3323

7 Terminal Styles Trimming Potentiometers



### JBR-065

Single turn : Top adjust and side adjust available Trimming Potentiometers



### JBR-3329

Single turn : 4 Terminal Styles Trimming Potentiometers



### JBR-3306

Single-Turn and Open Frame Trimming Potentiometers



### JBR-3309

2 Terminal Styles Single Turn Trimming Potentiometers



### JBR-3269

SMD Trimming Potentiometers



### JBR-C305

SMD Trimming Potentiometers



### JBR-3540

Wire Wound Element



### JBR-3590

Multiturn : Round ; Wire Wound