

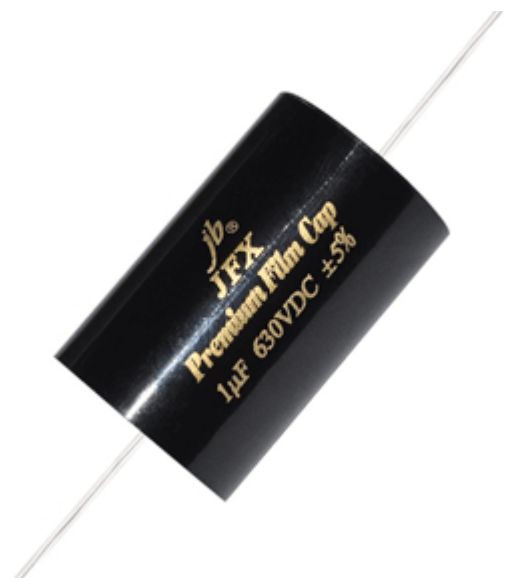
# *jb*® Premium Metallized Polypropylene Film Capacitors – Axial – JFX

## ■ FEATURES

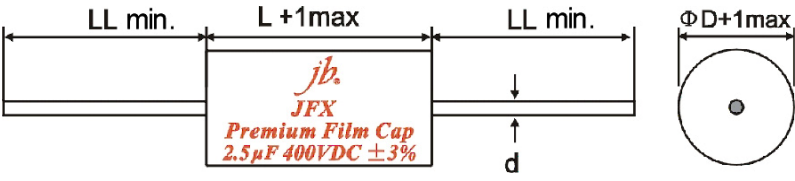
- Quick transient design
- High Precise Capacitance ±3%, ±5%
- Very Low Dielectric absorption factor
- Very Low Dissipation factor
- Very Low ESR
- Very Low Inductance
- Excellent handling of high current audio pulses

## ■ SPECIFICATIONS

- Passive flammability GB10191-88 IEC384-16
- Operating temperature -55°C ~ +85°C
- Capacitance range 0.047~100uF
- Capacitance tolerance ±3%、±5% 1KHz
- Rated voltage 250V、400V、630V.DC
- Withstand voltage 1.5VR 5S
- Dissipation factor ≤0.0020 1KHz
- Insulate the electric resistance >0.33uF ≥15000MΩ  
≤0.33uF ≥5000 S
- Leads Diameter 0.6、0.8、1.0、1.2 Tinned Pure Copper



## ■ DRAWING




## ■ STANDARD SIZE (mm)

For 0.047uF to 1uF, please consult to our sales for size.

| μF    | 250V        |      |    |     |    | μF    | 250V        |      |    |     |    |
|-------|-------------|------|----|-----|----|-------|-------------|------|----|-----|----|
|       | Dissipation | OD   | L  | d   | LL |       | Dissipation | OD   | L  | d   | LL |
| 1.0uF | 0.0005      | 10.5 | 21 | 0.8 | 25 | 4.3uF | 0.0006      | 18   | 26 | 0.8 | 35 |
| 1.1uF | 0.0005      | 11   | 21 | 0.8 | 25 | 4.5uF | 0.0006      | 18.5 | 26 | 0.8 | 35 |
| 1.2uF | 0.0005      | 12   | 21 | 0.8 | 25 | 4.7uF | 0.0006      | 18.5 | 26 | 0.8 | 35 |
| 1.3uF | 0.0005      | 12.5 | 21 | 0.8 | 25 | 5.0uF | 0.0006      | 17   | 31 | 0.8 | 35 |
| 1.5uF | 0.0005      | 13.5 | 21 | 0.8 | 25 | 5.1uF | 0.0006      | 17   | 31 | 0.8 | 35 |
| 1.6uF | 0.0005      | 14   | 21 | 0.8 | 25 | 5.6uF | 0.0006      | 18   | 31 | 0.8 | 35 |
| 1.8uF | 0.0005      | 14.5 | 21 | 0.8 | 25 | 6.0uF | 0.0006      | 18.5 | 31 | 0.8 | 35 |
| 2.0uF | 0.0005      | 13   | 26 | 0.8 | 30 | 6.2uF | 0.0006      | 19   | 31 | 0.8 | 35 |
| 2.2uF | 0.0005      | 14   | 26 | 0.8 | 30 | 6.8uF | 0.0007      | 19.5 | 31 | 0.8 | 35 |
| 2.4uF | 0.0005      | 14   | 26 | 0.8 | 30 | 7.0uF | 0.0007      | 20   | 31 | 1.0 | 35 |
| 2.5uF | 0.0005      | 14.5 | 26 | 0.8 | 30 | 7.5uF | 0.0007      | 20.5 | 31 | 1.0 | 35 |
| 2.7uF | 0.0005      | 14.5 | 26 | 0.8 | 30 | 8.0uF | 0.0007      | 21   | 31 | 1.0 | 35 |
| 3.0uF | 0.0005      | 15.5 | 26 | 0.8 | 30 | 8.2uF | 0.0007      | 21.5 | 31 | 1.0 | 35 |
| 3.3uF | 0.0006      | 16.5 | 26 | 0.8 | 35 | 9.1uF | 0.0007      | 22.5 | 31 | 1.0 | 35 |
| 3.5uF | 0.0006      | 16.5 | 26 | 0.8 | 35 | 10uF  | 0.0007      | 25   | 31 | 1.0 | 35 |
| 3.6uF | 0.0006      | 16.5 | 26 | 0.8 | 35 | 11uF  | 0.0007      | 22   | 36 | 1.0 | 35 |
| 3.9uF | 0.0006      | 17.5 | 26 | 0.8 | 35 | 12uF  | 0.0008      | 23   | 36 | 1.0 | 35 |
| 4.0uF | 0.0006      | 17.5 | 26 | 0.8 | 35 | 13uF  | 0.0008      | 24   | 36 | 1.0 | 35 |

*jb*® Capacitors Company

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# Premium Metallized Polypropylene Film Capacitors – Axial – JFX

| $\mu\text{F}$ | 250V        |      |    |     |    | $\mu\text{F}$ | 250V        |      |    |     |    |
|---------------|-------------|------|----|-----|----|---------------|-------------|------|----|-----|----|
|               | Dissipation | OD   | L  | d   | LL |               | Dissipation | OD   | L  | d   | LL |
| 14uF          | 0.0008      | 25   | 36 | 1.0 | 35 | 43uF          | 0.0012      | 36   | 46 | 1.0 | 45 |
| 15uF          | 0.0008      | 25.5 | 36 | 1.0 | 35 | 45uF          | 0.0012      | 37   | 46 | 1.0 | 45 |
| 16uF          | 0.0008      | 26.5 | 36 | 1.0 | 35 | 47uF          | 0.0012      | 39   | 48 | 1.0 | 45 |
| 18uF          | 0.0008      | 28   | 36 | 1.0 | 35 | 50uF          | 0.0013      | 40   | 49 | 1.0 | 45 |
| 20uF          | 0.0008      | 29.5 | 36 | 1.0 | 45 | 51uF          | 0.0013      | 40.5 | 49 | 1.0 | 45 |
| 22uF          | 0.0009      | 31.5 | 36 | 1.0 | 45 | 55uF          | 0.0013      | 42   | 49 | 1.0 | 45 |
| 24uF          | 0.0009      | 32   | 36 | 1.0 | 45 | 56uF          | 0.0013      | 42.5 | 49 | 1.0 | 45 |
| 27uF          | 0.0009      | 34   | 36 | 1.0 | 45 | 62uF          | 0.0014      | 39.5 | 59 | 1.0 | 45 |
| 28uF          | 0.0009      | 30   | 46 | 1.0 | 45 | 68uF          | 0.0014      | 41.5 | 59 | 1.0 | 45 |
| 30uF          | 0.001       | 30.5 | 46 | 1.0 | 45 | 75uF          | 0.0014      | 43.5 | 59 | 1.0 | 45 |
| 33uF          | 0.001       | 32   | 46 | 1.0 | 45 | 82uF          | 0.0014      | 45   | 59 | 1.0 | 45 |
| 36uF          | 0.0011      | 33   | 46 | 1.0 | 45 | 91uF          | 0.0014      | 47.5 | 59 | 1.2 | 45 |
| 39uF          | 0.0011      | 34.5 | 46 | 1.0 | 45 | 100uF         | 0.0014      | 49.5 | 59 | 1.2 | 45 |
| 41uF          | 0.0012      | 35.5 | 46 | 1.0 | 45 | --            | --          | --   | -- | --  | -- |
| $\mu\text{F}$ | 400V        |      |    |     |    | $\mu\text{F}$ | 400V        |      |    |     |    |
|               | Dissipation | OD   | L  | d   | LL |               | Dissipation | OD   | L  | d   | LL |
| 1.0uF         | 0.0005      | 13   | 21 | 0.8 | 25 | 7.0uF         | 0.0007      | 24   | 31 | 1.0 | 35 |
| 1.1uF         | 0.0005      | 13.5 | 21 | 0.8 | 25 | 7.5uF         | 0.0007      | 24.5 | 31 | 1.0 | 35 |
| 1.2uF         | 0.0005      | 14.5 | 21 | 0.8 | 25 | 8.0uF         | 0.0007      | 22.5 | 36 | 1.0 | 35 |
| 1.3uF         | 0.0005      | 12.5 | 26 | 0.8 | 25 | 8.2uF         | 0.0007      | 23   | 36 | 1.0 | 35 |
| 1.5uF         | 0.0005      | 13.5 | 26 | 0.8 | 25 | 9.1uF         | 0.0007      | 24.5 | 36 | 1.0 | 35 |
| 1.6uF         | 0.0005      | 14   | 26 | 0.8 | 25 | 10uF          | 0.0007      | 25.5 | 36 | 1.0 | 35 |
| 1.8uF         | 0.0005      | 14.5 | 26 | 0.8 | 25 | 11uF          | 0.0007      | 27   | 36 | 1.0 | 35 |
| 2.0uF         | 0.0005      | 15   | 26 | 0.8 | 30 | 12uF          | 0.0008      | 27.5 | 36 | 1.0 | 35 |
| 2.2uF         | 0.0005      | 16   | 26 | 0.8 | 30 | 13uF          | 0.0008      | 25   | 46 | 1.0 | 40 |
| 2.4uF         | 0.0005      | 16.5 | 26 | 0.8 | 30 | 14uF          | 0.0008      | 26   | 46 | 1.0 | 40 |
| 2.5uF         | 0.0005      | 17   | 26 | 0.8 | 30 | 15uF          | 0.0008      | 26   | 46 | 1.0 | 40 |
| 2.7uF         | 0.0005      | 17.5 | 26 | 0.8 | 30 | 16uF          | 0.0008      | 27.5 | 46 | 1.0 | 40 |
| 3.0uF         | 0.0005      | 18.5 | 26 | 0.8 | 30 | 18uF          | 0.0008      | 29   | 46 | 1.0 | 45 |
| 3.3uF         | 0.0006      | 19   | 26 | 0.8 | 35 | 20uF          | 0.0008      | 30.5 | 46 | 1.0 | 45 |
| 3.5uF         | 0.0006      | 17.5 | 31 | 0.8 | 35 | 22uF          | 0.0009      | 32   | 46 | 1.0 | 45 |
| 3.6uF         | 0.0006      | 17.5 | 31 | 0.8 | 35 | 24uF          | 0.0009      | 33.5 | 46 | 1.0 | 45 |
| 3.9uF         | 0.0006      | 18   | 31 | 0.8 | 35 | 27uF          | 0.0009      | 35.5 | 46 | 1.0 | 45 |
| 4.0uF         | 0.0006      | 18.5 | 31 | 0.8 | 35 | 28uF          | 0.0009      | 36   | 46 | 1.0 | 45 |
| 4.3uF         | 0.0006      | 19   | 31 | 0.8 | 35 | 30uF          | 0.001       | 37   | 46 | 1.0 | 45 |
| 4.5uF         | 0.0006      | 19.5 | 31 | 0.8 | 35 | 33uF          | 0.001       | 40   | 49 | 1.0 | 45 |
| 4.7uF         | 0.0006      | 19.5 | 31 | 0.8 | 35 | 36uF          | 0.0011      | 41.5 | 49 | 1.0 | 45 |
| 5.0uF         | 0.0006      | 20.5 | 31 | 1.0 | 35 | 39uF          | 0.0011      | 38.5 | 59 | 1.0 | 45 |
| 5.1uF         | 0.0006      | 20.5 | 31 | 1.0 | 35 | 41uF          | 0.0012      | 39.5 | 59 | 1.0 | 45 |
| 5.6uF         | 0.0006      | 22.5 | 31 | 1.0 | 35 | 43uF          | 0.0012      | 40   | 59 | 1.0 | 45 |
| 6.0uF         | 0.0006      | 22   | 31 | 1.0 | 35 | 45uF          | 0.0012      | 41   | 59 | 1.0 | 45 |
| 6.2uF         | 0.0006      | 22.5 | 31 | 1.0 | 35 | 47uF          | 0.0012      | 42   | 59 | 1.0 | 45 |
| 6.8uF         | 0.0007      | 24   | 31 | 1.0 | 35 | --            | --          | --   | -- | --  | -- |

 **® Premium Metallized Polypropylene Film Capacitors – Axial – JFX**

| <b>μF</b>    | <b>630V</b>        |           |          |          |           | <b>μF</b>     | <b>630V</b>        |           |          |          |           |
|--------------|--------------------|-----------|----------|----------|-----------|---------------|--------------------|-----------|----------|----------|-----------|
|              | <b>Dissipation</b> | <b>OD</b> | <b>L</b> | <b>d</b> | <b>LL</b> |               | <b>Dissipation</b> | <b>OD</b> | <b>L</b> | <b>d</b> | <b>LL</b> |
| <b>1.0uF</b> | 0.0005             | 17        | 26       | 0.8      | 25        | <b>5.0uF</b>  | 0.0006             | 32        | 36       | 1.0      | 35        |
| <b>1.1uF</b> | 0.0005             | 18        | 26       | 0.8      | 25        | <b>5.1uF</b>  | 0.0006             | 29        | 36       | 1.0      | 35        |
| <b>1.2uF</b> | 0.0005             | 18.5      | 26       | 0.8      | 25        | <b>5.6uF</b>  | 0.0006             | 30.5      | 36       | 1.0      | 35        |
| <b>1.3uF</b> | 0.0005             | 19.5      | 26       | 0.8      | 25        | <b>6.0uF</b>  | 0.0007             | 31.5      | 36       | 1.0      | 35        |
| <b>1.5uF</b> | 0.0005             | 21        | 26       | 1.0      | 25        | <b>6.2uF</b>  | 0.0007             | 32        | 36       | 1.0      | 35        |
| <b>1.6uF</b> | 0.0005             | 21.5      | 26       | 1.0      | 25        | <b>6.8uF</b>  | 0.0007             | 33.5      | 36       | 1.0      | 35        |
| <b>1.8uF</b> | 0.0005             | 22.5      | 26       | 1.0      | 25        | <b>7.0uF</b>  | 0.0007             | 34        | 36       | 1.0      | 35        |
| <b>2.0uF</b> | 0.0005             | 21        | 31       | 1.0      | 30        | <b>7.5uF</b>  | 0.0007             | 35        | 36       | 1.0      | 35        |
| <b>2.2uF</b> | 0.0005             | 22        | 31       | 1.0      | 30        | <b>8.0uF</b>  | 0.0007             | 31        | 46       | 1.0      | 40        |
| <b>2.4uF</b> | 0.0005             | 23        | 31       | 1.0      | 30        | <b>8.2uF</b>  | 0.0007             | 31.5      | 46       | 1.0      | 40        |
| <b>2.5uF</b> | 0.0005             | 23        | 31       | 1.0      | 30        | <b>9.1uF</b>  | 0.0007             | 33        | 46       | 1.0      | 40        |
| <b>2.7uF</b> | 0.0006             | 24        | 31       | 1.0      | 30        | <b>10.0uF</b> | 0.0007             | 34.5      | 46       | 1.2      | 40        |
| <b>3.0uF</b> | 0.0006             | 25        | 31       | 1.0      | 30        | <b>11.0uF</b> | 0.0007             | 36        | 46       | 1.2      | 40        |
| <b>3.3uF</b> | 0.0006             | 26.5      | 31       | 1.0      | 35        | <b>12.0uF</b> | 0.0008             | 37.5      | 46       | 1.2      | 40        |
| <b>3.5uF</b> | 0.0006             | 27        | 31       | 1.0      | 35        | <b>13.0uF</b> | 0.0008             | 40        | 49       | 1.2      | 40        |
| <b>3.6uF</b> | 0.0006             | 27.5      | 31       | 1.0      | 35        | <b>14.0uF</b> | 0.0008             | 37        | 59       | 1.2      | 45        |
| <b>3.9uF</b> | 0.0006             | 26        | 36       | 1.0      | 35        | <b>15.0uF</b> | 0.0008             | 38        | 59       | 1.2      | 45        |
| <b>4.0uF</b> | 0.0006             | 26        | 36       | 1.0      | 35        | <b>16.0uF</b> | 0.0008             | 39        | 59       | 1.2      | 45        |
| <b>4.3uF</b> | 0.0006             | 27        | 36       | 1.0      | 35        | <b>18.0uF</b> | 0.0008             | 41.5      | 59       | 1.2      | 45        |
| <b>4.5uF</b> | 0.0006             | 27.5      | 36       | 1.0      | 35        | <b>20.0uF</b> | 0.0008             | 43.5      | 59       | 1.2      | 45        |
| <b>4.7uF</b> | 0.0006             | 28        | 36       | 1.0      | 35        | --            | --                 | --        | --       | --       | --        |

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