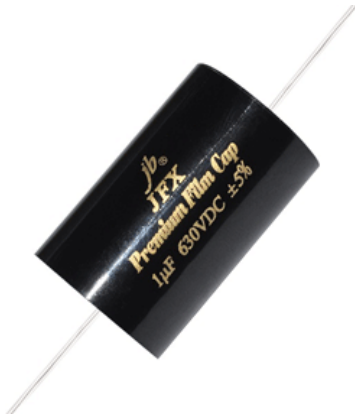


## Premium Metallized Polypropylene Film Capacitors – Axial – JFX

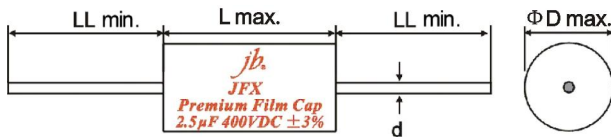


### FEATURES

- Quick transient design
- High Precise Capacitance  $\pm 3\%$ ,  $\pm 5\%$
- 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 ~ 100µF                                  |
| Capacitance tolerance            | $\pm 3\%$ , $\pm 5\%$ 1KHz                     |
| Rated voltage                    | 250V, 400V, 630V.DC                            |
| Withstand voltage                | 1.5VR 5S                                       |
| Dissipation factor               | $\leq 0.0020$ 1KHz                             |
| Insulate the electric resistance | $> 0.33\mu\text{F}$ $\geq 15000\text{M}\Omega$ |
| Leads Diameter                   | 0.6, 0.8, 1.0, 1.2 Tinned Pure Copper          |



### STANDARD SIZE (mm)

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

| µF    | 250V          |          |    |     |    | µF    | 250V          |          |    |     |    |
|-------|---------------|----------|----|-----|----|-------|---------------|----------|----|-----|----|
|       | Dissipation   | $\Phi D$ | L  | d   | LL |       | Dissipation   | $\Phi D$ | L  | d   | LL |
| 1.0uF | $\leq 0.0005$ | 10.5     | 21 | 0.8 | 25 | 5.1uF | $\leq 0.0006$ | 17       | 31 | 0.8 | 35 |
| 1.1uF | $\leq 0.0005$ | 11       | 21 | 0.8 | 25 | 5.6uF | $\leq 0.0006$ | 18       | 31 | 0.8 | 35 |
| 1.2uF | $\leq 0.0005$ | 12       | 21 | 0.8 | 25 | 6.0uF | $\leq 0.0006$ | 18.5     | 31 | 0.8 | 35 |
| 1.3uF | $\leq 0.0005$ | 12.5     | 21 | 0.8 | 25 | 6.2uF | $\leq 0.0006$ | 19       | 31 | 0.8 | 35 |
| 1.5uF | $\leq 0.0005$ | 13.5     | 21 | 0.8 | 25 | 6.8uF | $\leq 0.0007$ | 19.5     | 31 | 0.8 | 35 |
| 1.6uF | $\leq 0.0005$ | 14       | 21 | 0.8 | 25 | 7.0uF | $\leq 0.0007$ | 20       | 31 | 1.0 | 35 |
| 1.8uF | $\leq 0.0005$ | 14.5     | 21 | 0.8 | 25 | 7.5uF | $\leq 0.0007$ | 20.5     | 31 | 1.0 | 35 |
| 2.0uF | $\leq 0.0005$ | 13       | 26 | 0.8 | 30 | 8.0uF | $\leq 0.0007$ | 21       | 31 | 1.0 | 35 |
| 2.2uF | $\leq 0.0005$ | 14       | 26 | 0.8 | 30 | 8.2uF | $\leq 0.0007$ | 21.5     | 31 | 1.0 | 35 |
| 2.4uF | $\leq 0.0005$ | 14       | 26 | 0.8 | 30 | 9.1uF | $\leq 0.0007$ | 22.5     | 31 | 1.0 | 35 |
| 2.5uF | $\leq 0.0005$ | 14.5     | 26 | 0.8 | 30 | 10uF  | $\leq 0.0007$ | 25       | 31 | 1.0 | 35 |
| 2.7uF | $\leq 0.0005$ | 14.5     | 26 | 0.8 | 30 | 11uF  | $\leq 0.0007$ | 22       | 36 | 1.0 | 35 |
| 3.0uF | $\leq 0.0005$ | 15.5     | 26 | 0.8 | 30 | 12uF  | $\leq 0.0008$ | 23       | 36 | 1.0 | 35 |
| 3.3uF | $\leq 0.0006$ | 16.5     | 26 | 0.8 | 35 | 13uF  | $\leq 0.0008$ | 24       | 36 | 1.0 | 35 |
| 3.5uF | $\leq 0.0006$ | 16.5     | 26 | 0.8 | 35 | 14uF  | $\leq 0.0008$ | 25       | 36 | 1.0 | 35 |
| 3.6uF | $\leq 0.0006$ | 16.5     | 26 | 0.8 | 35 | 15uF  | $\leq 0.0008$ | 25.5     | 36 | 1.0 | 35 |
| 3.9uF | $\leq 0.0006$ | 17.5     | 26 | 0.8 | 35 | 16uF  | $\leq 0.0008$ | 26.5     | 36 | 1.0 | 35 |
| 4.0uF | $\leq 0.0006$ | 17.5     | 26 | 0.8 | 35 | 18uF  | $\leq 0.0008$ | 28       | 36 | 1.0 | 35 |
| 4.3uF | $\leq 0.0006$ | 18       | 26 | 0.8 | 35 | 20uF  | $\leq 0.0008$ | 29.5     | 36 | 1.0 | 45 |
| 4.5uF | $\leq 0.0006$ | 18.5     | 26 | 0.8 | 35 | 22uF  | $\leq 0.0009$ | 31.5     | 36 | 1.0 | 45 |
| 4.7uF | $\leq 0.0006$ | 18.5     | 26 | 0.8 | 35 | 24uF  | $\leq 0.0009$ | 32       | 36 | 1.0 | 45 |
| 5.0uF | $\leq 0.0006$ | 17       | 31 | 0.8 | 35 | 27uF  | $\leq 0.0009$ | 34       | 36 | 1.0 | 45 |

## Premium Metallized Polypropylene Film Capacitors – Axial – JFX

| μF   | 250V        |      |    |     |    | μF    | 250V        |      |    |     |    |
|------|-------------|------|----|-----|----|-------|-------------|------|----|-----|----|
|      | Dissipation | ΦD   | L  | d   | LL |       | Dissipation | ΦD   | L  | d   | LL |
| 28uF | ≤0.0009     | 30   | 46 | 1.0 | 45 | 51uF  | ≤0.0013     | 40.5 | 49 | 1.0 | 45 |
| 30uF | ≤0.001      | 30.5 | 46 | 1.0 | 45 | 55uF  | ≤0.0013     | 42   | 49 | 1.0 | 45 |
| 33uF | ≤0.001      | 32   | 46 | 1.0 | 45 | 56uF  | ≤0.0013     | 42.5 | 49 | 1.0 | 45 |
| 36uF | ≤0.0011     | 33   | 46 | 1.0 | 45 | 62uF  | ≤0.0014     | 39.5 | 59 | 1.0 | 45 |
| 39uF | ≤0.0011     | 34.5 | 46 | 1.0 | 45 | 68uF  | ≤0.0014     | 41.5 | 59 | 1.0 | 45 |
| 41uF | ≤0.0012     | 35.5 | 46 | 1.0 | 45 | 75uF  | ≤0.0014     | 43.5 | 59 | 1.0 | 45 |
| 43uF | ≤0.0012     | 36   | 46 | 1.0 | 45 | 82uF  | ≤0.0014     | 45   | 59 | 1.0 | 45 |
| 45uF | ≤0.0012     | 37   | 46 | 1.0 | 45 | 91uF  | ≤0.0014     | 47.5 | 59 | 1.2 | 45 |
| 47uF | ≤0.0012     | 39   | 48 | 1.0 | 45 | 100uF | ≤0.0014     | 49.5 | 59 | 1.2 | 45 |
| 50uF | ≤0.0013     | 40   | 49 | 1.0 | 45 | --    | --          | --   | -- | --  | -- |

| μF    | 400V        |      |    |     |    | μF    | 400V        |      |    |     |    |
|-------|-------------|------|----|-----|----|-------|-------------|------|----|-----|----|
|       | Dissipation | ΦD   | L  | d   | LL |       | Dissipation | ΦD   | 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     | 25.5 | 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     | 28.5 | 46 | 1.0 | 40 |
| 3.0uF | ≤0.0005     | 18.5 | 26 | 0.8 | 30 | 18uF  | ≤0.0008     | 30   | 46 | 1.0 | 45 |
| 3.3uF | ≤0.0006     | 19   | 26 | 0.8 | 35 | 20uF  | ≤0.0008     | 31.5 | 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

| μF    | 630V        |      |    |     |    | μF     | 630V        |      |    |     |    |
|-------|-------------|------|----|-----|----|--------|-------------|------|----|-----|----|
|       | Dissipation | ΦD   | L  | d   | LL |        | Dissipation | ΦD   | L  | d   | LL |
| 1.0uF | ≤0.0005     | 17   | 26 | 0.8 | 25 | 5.0uF  | ≤0.0006     | 32   | 36 | 1.0 | 35 |
| 1.1uF | ≤0.0005     | 18   | 26 | 0.8 | 25 | 5.1uF  | ≤0.0006     | 29   | 36 | 1.0 | 35 |
| 1.2uF | ≤0.0005     | 18.5 | 26 | 0.8 | 25 | 5.6uF  | ≤0.0006     | 30.5 | 36 | 1.0 | 35 |
| 1.3uF | ≤0.0005     | 19.5 | 26 | 0.8 | 25 | 6.0uF  | ≤0.0007     | 31.5 | 36 | 1.0 | 35 |
| 1.5uF | ≤0.0005     | 21   | 26 | 1.0 | 25 | 6.2uF  | ≤0.0007     | 32   | 36 | 1.0 | 35 |
| 1.6uF | ≤0.0005     | 21.5 | 26 | 1.0 | 25 | 6.8uF  | ≤0.0007     | 33.5 | 36 | 1.0 | 35 |
| 1.8uF | ≤0.0005     | 22.5 | 26 | 1.0 | 25 | 7.0uF  | ≤0.0007     | 34   | 36 | 1.0 | 35 |
| 2.0uF | ≤0.0005     | 21   | 31 | 1.0 | 30 | 7.5uF  | ≤0.0007     | 35   | 36 | 1.0 | 35 |
| 2.2uF | ≤0.0005     | 22   | 31 | 1.0 | 30 | 8.0uF  | ≤0.0007     | 31   | 46 | 1.0 | 40 |
| 2.4uF | ≤0.0005     | 23   | 31 | 1.0 | 30 | 8.2uF  | ≤0.0007     | 31.5 | 46 | 1.0 | 40 |
| 2.5uF | ≤0.0005     | 23   | 31 | 1.0 | 30 | 9.1uF  | ≤0.0007     | 33   | 46 | 1.0 | 40 |
| 2.7uF | ≤0.0006     | 24   | 31 | 1.0 | 30 | 10.0uF | ≤0.0007     | 34.5 | 46 | 1.2 | 40 |
| 3.0uF | ≤0.0006     | 25   | 31 | 1.0 | 30 | 11.0uF | ≤0.0007     | 36   | 46 | 1.2 | 40 |
| 3.3uF | ≤0.0006     | 26.5 | 31 | 1.0 | 35 | 12.0uF | ≤0.0008     | 38.5 | 46 | 1.2 | 40 |
| 3.5uF | ≤0.0006     | 27   | 31 | 1.0 | 35 | 13.0uF | ≤0.0008     | 40   | 49 | 1.2 | 40 |
| 3.6uF | ≤0.0006     | 27.5 | 31 | 1.0 | 35 | 14.0uF | ≤0.0008     | 37   | 59 | 1.2 | 45 |
| 3.9uF | ≤0.0006     | 26   | 36 | 1.0 | 35 | 15.0uF | ≤0.0008     | 38   | 59 | 1.2 | 45 |
| 4.0uF | ≤0.0006     | 26   | 36 | 1.0 | 35 | 16.0uF | ≤0.0008     | 39   | 59 | 1.2 | 45 |
| 4.3uF | ≤0.0006     | 27   | 36 | 1.0 | 35 | 18.0uF | ≤0.0008     | 41.5 | 59 | 1.2 | 45 |
| 4.5uF | ≤0.0006     | 27.5 | 36 | 1.0 | 35 | 20.0uF | ≤0.0008     | 43.5 | 59 | 1.2 | 45 |
| 4.7uF | ≤0.0006     | 28   | 36 | 1.0 | 35 | --     | --          | --   | -- | --  | -- |

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