

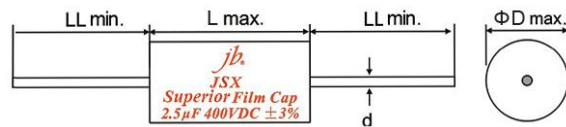
Superior Metallized Polypropylene Film Capacitors – Axial – JSX



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 | 0.1 ~ 100uF |
| Capacitance tolerance | $\pm 3\%$, $\pm 5\%$ 1KHz |
| Rated voltage | 250V, 400V, 630V.DC |
| Withstand voltage | 1.6VR 5S |
| Dissipation factor | ≤ 0.0010 1KHz |
| Insulate the electric resistance | CR $\leq 0.33 \mu F$, I.R $\geq 15,000M\Omega$ |
| | CR $> 0.33 \mu F$, I.R $\geq 5,000S$ |
| Leads Diameter | 0.6, 0.8, 1.0, 1.2 Silver-plated Copper Wire |

STANDARD SIZE (mm)

For 0.1uF 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 | 11 | 21 | 0.8 | 25 | 5.1uF | 0.0005 | 17 | 31 | 0.8 | 35 |
| 1.1uF | 0.0005 | 11 | 21 | 0.8 | 25 | 5.6uF | 0.0005 | 18 | 32 | 0.8 | 35 |
| 1.2uF | 0.0005 | 12 | 21 | 0.8 | 25 | 6.0uF | 0.0005 | 18.5 | 32 | 0.8 | 35 |
| 1.3uF | 0.0005 | 12.5 | 21 | 0.8 | 25 | 6.2uF | 0.0005 | 19 | 32 | 0.8 | 35 |
| 1.5uF | 0.0005 | 13.5 | 21 | 0.8 | 25 | 6.8uF | 0.0005 | 19.5 | 32 | 0.8 | 35 |
| 1.6uF | 0.0005 | 14 | 21 | 0.8 | 25 | 7.0uF | 0.0005 | 20 | 32 | 1.0 | 35 |
| 1.8uF | 0.0005 | 14.5 | 21 | 0.8 | 25 | 7.5uF | 0.0005 | 20.5 | 32 | 1.0 | 35 |
| 2.0uF | 0.0005 | 13 | 26 | 0.8 | 30 | 8.0uF | 0.0005 | 21 | 32 | 1.0 | 35 |
| 2.2uF | 0.0005 | 14 | 26 | 0.8 | 30 | 8.2uF | 0.0005 | 21.5 | 32 | 1.0 | 35 |
| 2.4uF | 0.0005 | 14 | 26 | 0.8 | 30 | 9.1uF | 0.0005 | 22.5 | 32 | 1.0 | 35 |
| 2.5uF | 0.0005 | 14.5 | 26 | 0.8 | 30 | 10uF | 0.0005 | 25 | 32 | 1.0 | 35 |
| 2.7uF | 0.0005 | 14.5 | 26 | 0.8 | 30 | 11uF | 0.0005 | 22 | 36 | 1.0 | 35 |
| 3.0uF | 0.0005 | 15.5 | 26 | 0.8 | 30 | 12uF | 0.0005 | 23 | 36 | 1.0 | 35 |
| 3.3uF | 0.0005 | 16.5 | 26 | 0.8 | 35 | 13uF | 0.0005 | 24 | 36 | 1.0 | 35 |
| 3.5uF | 0.0005 | 16.5 | 26 | 0.8 | 35 | 14uF | 0.0005 | 25 | 36 | 1.0 | 35 |
| 3.6uF | 0.0005 | 16.5 | 26 | 0.8 | 35 | 15uF | 0.0005 | 25.5 | 36 | 1.0 | 35 |
| 3.9uF | 0.0005 | 17.5 | 26 | 0.8 | 35 | 16uF | 0.0005 | 26.5 | 36 | 1.0 | 35 |
| 4.0uF | 0.0005 | 17.5 | 26 | 0.8 | 35 | 18uF | 0.0005 | 28 | 36 | 1.0 | 35 |
| 4.3uF | 0.0005 | 18 | 26 | 0.8 | 35 | 20uF | 0.0005 | 29.5 | 36 | 1.0 | 45 |
| 4.5uF | 0.0005 | 18.5 | 26 | 0.8 | 35 | 22uF | 0.0009 | 31.5 | 36 | 1.0 | 45 |
| 4.7uF | 0.0005 | 18.5 | 26 | 0.8 | 35 | 24uF | 0.0009 | 32 | 36 | 1.0 | 45 |
| 5.0uF | 0.0005 | 17 | 31 | 0.8 | 35 | 27uF | 0.0009 | 34 | 36 | 1.0 | 45 |

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| μF | 250V | | | | | μF | 250V | | | | |
|------|-------------|------|----|-----|----|-------|-------------|------|----|-----|----|
| | Dissipation | OD | L | d | LL | | Dissipation | OD | 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 | 0.001 | 33 | 46 | 1.0 | 45 | 62uF | 0.0014 | 39.5 | 59 | 1.0 | 45 |
| 39uF | 0.001 | 34.5 | 46 | 1.0 | 45 | 68uF | 0.0014 | 41.5 | 59 | 1.0 | 45 |
| 41uF | 0.001 | 35.5 | 46 | 1.0 | 45 | 75uF | 0.0014 | 43.5 | 59 | 1.0 | 45 |
| 43uF | 0.001 | 36 | 46 | 1.0 | 45 | 82uF | 0.0014 | 45 | 59 | 1.0 | 45 |
| 45uF | 0.001 | 37 | 46 | 1.0 | 45 | 91uF | 0.0014 | 47.5 | 59 | 1.2 | 45 |
| 47uF | 0.001 | 39 | 48 | 1.0 | 45 | 100uF | 0.0014 | 49.5 | 59 | 1.2 | 45 |
| 50uF | 0.001 | 40 | 49 | 1.0 | 45 | -- | -- | -- | -- | -- | -- |

| μF | 400V | | | | | μF | 400V | | | | |
|-------|-------------|------|----|-----|----|-------|-------------|------|----|-----|----|
| | Dissipation | OD | L | d | LL | | Dissipation | OD | L | d | LL |
| 1.0uF | 0.0005 | 13 | 21 | 0.8 | 25 | 7.0uF | 0.0005 | 24 | 31 | 1.0 | 35 |
| 1.1uF | 0.0005 | 13.5 | 21 | 0.8 | 25 | 7.5uF | 0.0005 | 24.5 | 31 | 1.0 | 35 |
| 1.2uF | 0.0005 | 14.5 | 21 | 0.8 | 25 | 8.0uF | 0.0005 | 22.5 | 36 | 1.0 | 35 |
| 1.3uF | 0.0005 | 12.5 | 26 | 0.8 | 25 | 8.2uF | 0.0005 | 23 | 36 | 1.0 | 35 |
| 1.5uF | 0.0005 | 13.5 | 26 | 0.8 | 25 | 9.1uF | 0.0005 | 24.5 | 36 | 1.0 | 35 |
| 1.6uF | 0.0005 | 14 | 26 | 0.8 | 25 | 10uF | 0.0005 | 26 | 36 | 1.0 | 35 |
| 1.8uF | 0.0005 | 14.5 | 26 | 0.8 | 25 | 11uF | 0.0005 | 27 | 36 | 1.0 | 35 |
| 2.0uF | 0.0005 | 15 | 26 | 0.8 | 30 | 12uF | 0.0005 | 27.5 | 36 | 1.0 | 35 |
| 2.2uF | 0.0005 | 16 | 26 | 0.8 | 30 | 13uF | 0.0005 | 25 | 46 | 1.0 | 40 |
| 2.4uF | 0.0005 | 16.5 | 26 | 0.8 | 30 | 14uF | 0.0005 | 26 | 46 | 1.0 | 40 |
| 2.5uF | 0.0005 | 17 | 26 | 0.8 | 30 | 15uF | 0.0005 | 27 | 46 | 1.0 | 40 |
| 2.7uF | 0.0005 | 17.5 | 26 | 0.8 | 30 | 16uF | 0.0005 | 27.5 | 46 | 1.0 | 40 |
| 3.0uF | 0.0005 | 18.5 | 26 | 0.8 | 30 | 18uF | 0.0005 | 29 | 46 | 1.0 | 45 |
| 3.3uF | 0.0005 | 19 | 26 | 0.8 | 35 | 20uF | 0.0005 | 30.5 | 46 | 1.0 | 45 |
| 3.5uF | 0.0005 | 17.5 | 31 | 0.8 | 35 | 22uF | 0.0009 | 33 | 46 | 1.0 | 45 |
| 3.6uF | 0.0005 | 17.5 | 31 | 0.8 | 35 | 24uF | 0.0009 | 33.5 | 46 | 1.0 | 45 |
| 3.9uF | 0.0005 | 18 | 31 | 0.8 | 35 | 27uF | 0.0009 | 35.5 | 46 | 1.0 | 45 |
| 4.0uF | 0.0005 | 18.5 | 31 | 0.8 | 35 | 28uF | 0.0009 | 36 | 46 | 1.0 | 45 |
| 4.3uF | 0.0005 | 19 | 31 | 0.8 | 35 | 30uF | 0.001 | 37 | 46 | 1.0 | 45 |
| 4.5uF | 0.0005 | 19.5 | 31 | 0.8 | 35 | 33uF | 0.001 | 40 | 49 | 1.0 | 45 |
| 4.7uF | 0.0005 | 19.5 | 31 | 0.8 | 35 | 36uF | 0.001 | 41.5 | 49 | 1.0 | 45 |
| 5.0uF | 0.0005 | 20.5 | 31 | 1.0 | 35 | 39uF | 0.001 | 38.5 | 59 | 1.0 | 45 |
| 5.1uF | 0.0005 | 20.5 | 31 | 1.0 | 35 | 41uF | 0.001 | 39.5 | 59 | 1.0 | 45 |
| 5.6uF | 0.0005 | 21.5 | 31 | 1.0 | 35 | 43uF | 0.001 | 40 | 59 | 1.0 | 45 |
| 6.0uF | 0.0005 | 22 | 31 | 1.0 | 35 | 45uF | 0.001 | 41 | 59 | 1.0 | 45 |
| 6.2uF | 0.0005 | 22.5 | 31 | 1.0 | 35 | 47uF | 0.001 | 42 | 59 | 1.0 | 45 |
| 6.8uF | 0.0005 | 23.5 | 31 | 1.0 | 35 | -- | -- | -- | -- | -- | -- |

Superior Metallized Polypropylene Film Capacitors – Axial – JSX

| μF | 630V | | | | | μF | 630V | | | | |
|-------|-------------|------|----|-----|----|--------|-------------|------|----|-----|----|
| | Dissipation | OD | L | d | LL | | Dissipation | OD | L | d | LL |
| 1.0uF | 0.0005 | 17 | 26 | 0.8 | 25 | 5.0uF | 0.0005 | 29 | 36 | 1.0 | 35 |
| 1.1uF | 0.0005 | 18 | 26 | 0.8 | 25 | 5.1uF | 0.0005 | 29 | 36 | 1.0 | 35 |
| 1.2uF | 0.0005 | 18.5 | 26 | 0.8 | 25 | 5.6uF | 0.0005 | 30.5 | 36 | 1.0 | 35 |
| 1.3uF | 0.0005 | 19.5 | 26 | 0.8 | 25 | 6.0uF | 0.0005 | 31.5 | 36 | 1.0 | 35 |
| 1.5uF | 0.0005 | 21 | 26 | 1.0 | 25 | 6.2uF | 0.0005 | 32 | 36 | 1.0 | 35 |
| 1.6uF | 0.0005 | 21.5 | 26 | 1.0 | 25 | 6.8uF | 0.0005 | 33.5 | 36 | 1.0 | 35 |
| 1.8uF | 0.0005 | 22.5 | 26 | 1.0 | 25 | 7.0uF | 0.0005 | 37 | 37 | 1.0 | 35 |
| 2.0uF | 0.0005 | 21 | 31 | 1.0 | 30 | 7.5uF | 0.0005 | 33 | 47 | 1.0 | 35 |
| 2.2uF | 0.0005 | 22 | 31 | 1.0 | 30 | 8.0uF | 0.0005 | 33.5 | 47 | 1.0 | 40 |
| 2.4uF | 0.0005 | 23 | 31 | 1.0 | 30 | 8.2uF | 0.0005 | 34 | 47 | 1.0 | 40 |
| 2.5uF | 0.0005 | 23 | 31 | 1.0 | 30 | 9.1uF | 0.0005 | 35 | 47 | 1.0 | 40 |
| 2.7uF | 0.0005 | 24 | 31 | 1.0 | 30 | 10.0uF | 0.0005 | 36 | 47 | 1.0 | 40 |
| 3.0uF | 0.0005 | 25 | 31 | 1.0 | 30 | 11.0uF | 0.0005 | 39 | 49 | 1.2 | 40 |
| 3.3uF | 0.0005 | 26.5 | 31 | 1.0 | 35 | 12.0uF | 0.0005 | 41 | 49 | 1.2 | 40 |
| 3.5uF | 0.0005 | 27 | 31 | 1.0 | 35 | 13.0uF | 0.0005 | 43 | 49 | 1.2 | 40 |
| 3.6uF | 0.0005 | 27.5 | 31 | 1.0 | 35 | 14.0uF | 0.0005 | 40 | 59 | 1.2 | 45 |
| 3.9uF | 0.0005 | 26 | 36 | 1.0 | 35 | 15.0uF | 0.0005 | 41 | 59 | 1.2 | 45 |
| 4.0uF | 0.0005 | 26 | 36 | 1.0 | 35 | 16.0uF | 0.0005 | 42 | 59 | 1.2 | 45 |
| 4.3uF | 0.0005 | 27 | 36 | 1.0 | 35 | 18.0uF | 0.0005 | 45 | 59 | 1.2 | 45 |
| 4.5uF | 0.0005 | 27.5 | 36 | 1.0 | 35 | 20.0uF | 0.0005 | 47 | 59 | 1.2 | 45 |
| 4.7uF | 0.0005 | 28 | 36 | 1.0 | 35 | -- | -- | -- | -- | -- | -- |

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