

## Premium Metallized Polypropylene Film Capacitors – Axial – JFX

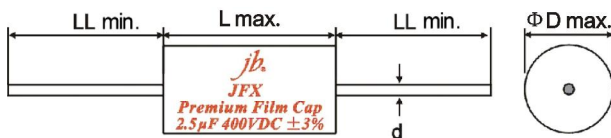


### FEATURES

- 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	ΦD	L	d	LL		Dissipation	ΦD	L	d	LL
1.0uF	$\leq 0.0005$	12.5	25	0.8	25	5.1uF	$\leq 0.0006$	21.5	31.5	0.8	35
1.1uF	$\leq 0.0005$	13	25	0.8	25	5.6uF	$\leq 0.0006$	22.5	31.5	0.8	35
1.2uF	$\leq 0.0005$	11.5	31.5	0.8	25	6.0uF	$\leq 0.0006$	23	31.5	0.8	35
1.3uF	$\leq 0.0005$	12	31.5	0.8	25	6.2uF	$\leq 0.0006$	23.5	31.5	0.8	35
1.5uF	$\leq 0.0005$	12.5	31.5	0.8	25	6.8uF	$\leq 0.0007$	24	31.5	0.8	35
1.6uF	$\leq 0.0005$	13	31.5	0.8	25	7.0uF	$\leq 0.0007$	19.5	46	1.0	35
1.8uF	$\leq 0.0005$	13.5	31.5	0.8	25	7.5uF	$\leq 0.0007$	20.5	46	1.0	35
2.0uF	$\leq 0.0005$	14	31.5	0.8	30	8.0uF	$\leq 0.0007$	21	46	1.0	35
2.2uF	$\leq 0.0005$	14.5	31.5	0.8	30	8.2uF	$\leq 0.0007$	21	46	1.0	35
2.4uF	$\leq 0.0005$	15.5	31.5	0.8	30	9.1uF	$\leq 0.0007$	22.5	46	1.0	35
2.5uF	$\leq 0.0005$	15.5	31.5	0.8	30	10uF	$\leq 0.0007$	23	46	1.0	35
2.7uF	$\leq 0.0005$	16	31.5	0.8	30	11uF	$\leq 0.0007$	24.5	46	1.0	35
3.0uF	$\leq 0.0005$	17	31.5	0.8	30	12uF	$\leq 0.0008$	25	46	1.0	35
3.3uF	$\leq 0.0006$	17.5	31.5	0.8	35	13uF	$\leq 0.0008$	26	46	1.0	35
3.5uF	$\leq 0.0006$	18	31.5	0.8	35	14uF	$\leq 0.0008$	27	46	1.0	35
3.6uF	$\leq 0.0006$	18.5	31.5	0.8	35	15uF	$\leq 0.0008$	28	46	1.0	35
3.9uF	$\leq 0.0006$	19	31.5	0.8	35	16uF	$\leq 0.0008$	29	46	1.0	35
4.0uF	$\leq 0.0006$	19	31.5	0.8	35	18uF	$\leq 0.0008$	30.5	46	1.0	35
4.3uF	$\leq 0.0006$	19.5	31.5	0.8	35	20uF	$\leq 0.0008$	32	46	1.0	45
4.5uF	$\leq 0.0006$	20	31.5	0.8	35	22uF	$\leq 0.0009$	33.5	46	1.0	45
4.7uF	$\leq 0.0006$	20.5	31.5	0.8	35	24uF	$\leq 0.0009$	35	46	1.0	45
5.0uF	$\leq 0.0006$	21	31.5	0.8	35	27uF	$\leq 0.0009$	37	46	1.0	45

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μF	250V					μF	250V				
	Dissipation	ΦD	L	d	LL		Dissipation	ΦD	L	d	LL
28uF	≤0.0009	34	56	1.0	45	51uF	≤0.0013	43.5	61	1.0	45
30uF	≤0.001	35	56	1.0	45	55uF	≤0.0013	45	61	1.0	45
33uF	≤0.001	36.5	56	1.0	45	56uF	≤0.0013	46	61	1.0	45
36uF	≤0.0011	38	56	1.0	45	62uF	≤0.0014	48	61	1.0	45
39uF	≤0.0011	39.5	56	1.0	45	68uF	≤0.0014	39.5	61	1.0	45
41uF	≤0.0012	40.5	56	1.0	45	75uF	≤0.0014	42	61	1.0	45
43uF	≤0.0012	41.5	56	1.0	45	82uF	≤0.0014	43.5	61	1.0	45
45uF	≤0.0012	41	61	1.0	45	91uF	≤0.0014	45.5	61	1.2	45
47uF	≤0.0012	42	61	1.0	45	100uF	≤0.0014	46	61	1.2	45
50uF	≤0.0013	43	61	1.0	45	--	--	--	--	--	--

μF	400V					μF	400V				
	Dissipation	ΦD	L	d	LL		Dissipation	ΦD	L	d	LL
1.0uF	≤0.0005	14.5	25	0.8	25	7.0uF	≤0.0007	23.5	46	1.0	35
1.1uF	≤0.0005	13	31.5	0.8	25	7.5uF	≤0.0007	24	46	1.0	35
1.2uF	≤0.0005	13.5	31.5	0.8	25	8.0uF	≤0.0007	25	46	1.0	35
1.3uF	≤0.0005	14	31.5	0.8	25	8.2uF	≤0.0007	25.5	46	1.0	35
1.5uF	≤0.0005	14.5	31.5	0.8	25	9.1uF	≤0.0007	26.5	46	1.0	35
1.6uF	≤0.0005	15	31.5	0.8	25	10uF	≤0.0007	28	46	1.0	35
1.8uF	≤0.0005	16	31.5	0.8	25	11uF	≤0.0007	29.5	46	1.0	35
2.0uF	≤0.0005	16.5	31.5	0.8	30	12uF	≤0.0008	30.5	46	1.0	35
2.2uF	≤0.0005	17.5	31.5	0.8	30	13uF	≤0.0008	31.5	46	1.0	40
2.4uF	≤0.0005	18	31.5	0.8	30	14uF	≤0.0008	32.5	46	1.0	40
2.5uF	≤0.0005	18.5	31.5	0.8	30	15uF	≤0.0008	33.5	46	1.0	40
2.7uF	≤0.0005	19	31.5	0.8	30	16uF	≤0.0008	31	56	1.0	40
3.0uF	≤0.0005	20	31.5	0.8	30	18uF	≤0.0008	33	56	1.0	45
3.3uF	≤0.0006	20.5	31.5	0.8	35	20uF	≤0.0008	34.5	56	1.0	45
3.5uF	≤0.0006	21	31.5	0.8	35	22uF	≤0.0009	36.5	56	1.0	45
3.6uF	≤0.0006	21.5	31.5	0.8	35	24uF	≤0.0009	38	56	1.0	45
3.9uF	≤0.0006	22.5	31.5	0.8	35	27uF	≤0.0009	40	56	1.0	45
4.0uF	≤0.0006	22.5	31.5	0.8	35	28uF	≤0.0009	41	56	1.0	45
4.3uF	≤0.0006	23.5	31.5	0.8	35	30uF	≤0.001	42	56	1.0	45
4.5uF	≤0.0006	24	31.5	0.8	35	33uF	≤0.001	44	56	1.0	45
4.7uF	≤0.0006	19.5	46	0.8	35	36uF	≤0.0011	46	56	1.0	45
5.0uF	≤0.0006	20	46	1.0	35	39uF	≤0.0011	48	56	1.0	45
5.1uF	≤0.0006	20	46	1.0	35	41uF	≤0.0012	47	61	1.0	45
5.6uF	≤0.0006	21	46	1.0	35	43uF	≤0.0012	48	61	1.0	45
6.0uF	≤0.0006	22	46	1.0	35	45uF	≤0.0012	49	61	1.0	45
6.2uF	≤0.0006	22	46	1.0	35	47uF	≤0.0012	50	61	1.0	45
6.8uF	≤0.0007	23	46	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	16	31.5	0.8	25	5.0uF	≤0.0006	26.5	46	1.0	35
1.1uF	≤0.0005	16.5	31.5	0.8	25	5.1uF	≤0.0006	27	46	1.0	35
1.2uF	≤0.0005	17	31.5	0.8	25	5.6uF	≤0.0006	28	46	1.0	35
1.3uF	≤0.0005	17.5	31.5	0.8	25	6.0uF	≤0.0007	29	46	1.0	35
1.5uF	≤0.0005	19	31.5	1.0	25	6.2uF	≤0.0007	29	46	1.0	35
1.6uF	≤0.0005	19.5	31.5	1.0	25	6.8uF	≤0.0007	30.5	46	1.0	35
1.8uF	≤0.0005	20.5	31.5	1.0	25	7.0uF	≤0.0007	31	46	1.0	35
2.0uF	≤0.0005	21.5	31.5	1.0	30	7.5uF	≤0.0007	32	46	1.0	35
2.2uF	≤0.0005	22.5	31.5	1.0	30	8.0uF	≤0.0007	33	46	1.0	40
2.4uF	≤0.0005	23.5	31.5	1.0	30	8.2uF	≤0.0007	33.5	46	1.0	40
2.5uF	≤0.0005	24	31.5	1.0	30	9.1uF	≤0.0007	35	46	1.0	40
2.7uF	≤0.0006	24.5	31.5	1.0	30	10.0uF	≤0.0007	32.5	56	1.2	40
3.0uF	≤0.0006	20.5	46	1.0	30	11.0uF	≤0.0007	34	56	1.2	40
3.3uF	≤0.0006	21.5	46	1.0	35	12.0uF	≤0.0008	35.5	56	1.2	40
3.5uF	≤0.0006	22	46	1.0	35	13.0uF	≤0.0008	37	56	1.2	40
3.6uF	≤0.0006	22.5	46	1.0	35	14.0uF	≤0.0008	38	56	1.2	45
3.9uF	≤0.0006	23.5	46	1.0	35	15.0uF	≤0.0008	39.5	56	1.2	45
4.0uF	≤0.0006	24	46	1.0	35	16.0uF	≤0.0008	40.5	56	1.2	45
4.3uF	≤0.0006	25	46	1.0	35	18.0uF	≤0.0008	43	56	1.2	45
4.5uF	≤0.0006	25.5	46	1.0	35	20.0uF	≤0.0008	45.5	56	1.2	45
4.7uF	≤0.0006	26	46	1.0	35	--	--	--	--	--	--

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