

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

## ■ FEATURES

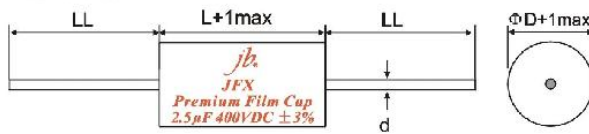
- Quick transient design
- High Precise Capacitance  $\pm 3\%$ ,  $\pm 5\%$
- Very Low Dielectric absorption factor
- Very Low Dissipation factor
- Very Low ESR
- Very Low Inductance
- Excellent handling of high current audio pulses

## ■ SPECIFICATIONS

- Passive flammability GB10191-88 IEC384-16
- Operating temperature  $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Capacitance range 0.047~100 $\mu\text{F}$
- 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  $> 0.33\mu\text{F} \geq 15000\text{M}\Omega$   
 $\leq 0.33\mu\text{F} \geq 5000\text{S}$
- Leads Diameter 0.6, 0.8, 1.0, 1.2 Tinned Pure Copper



## ■ DRAWING



## ■ STANDARD SIZE (mm)

For 0.047 $\mu\text{F}$  to 1 $\mu\text{F}$ , please consult to our sales for size.

$\mu\text{F}$	250V					$\mu\text{F}$	250V				
	Dissipation	OD	L	d	LL		Dissipation	OD	L	d	LL
1.0 $\mu\text{F}$	0.0005	10.5	21	0.8	25	4.3 $\mu\text{F}$	0.0006	18	26	0.8	35
1.1 $\mu\text{F}$	0.0005	11	21	0.8	25	4.5 $\mu\text{F}$	0.0006	18.5	26	0.8	35
1.2 $\mu\text{F}$	0.0005	12	21	0.8	25	4.7 $\mu\text{F}$	0.0006	18.5	26	0.8	35
1.3 $\mu\text{F}$	0.0005	12.5	21	0.8	25	5.0 $\mu\text{F}$	0.0006	17	31	0.8	35
1.5 $\mu\text{F}$	0.0005	13.5	21	0.8	25	5.1 $\mu\text{F}$	0.0006	17	31	0.8	35
1.6 $\mu\text{F}$	0.0005	14	21	0.8	25	5.6 $\mu\text{F}$	0.0006	18	31	0.8	35
1.8 $\mu\text{F}$	0.0005	14.5	21	0.8	25	6.0 $\mu\text{F}$	0.0006	18.5	31	0.8	35
2.0 $\mu\text{F}$	0.0005	13	26	0.8	30	6.2 $\mu\text{F}$	0.0006	19	31	0.8	35
2.2 $\mu\text{F}$	0.0005	14	26	0.8	30	6.8 $\mu\text{F}$	0.0007	19.5	31	0.8	35
2.4 $\mu\text{F}$	0.0005	14	26	0.8	30	7.0 $\mu\text{F}$	0.0007	20	31	1.0	35
2.5 $\mu\text{F}$	0.0005	14.5	26	0.8	30	7.5 $\mu\text{F}$	0.0007	20.5	31	1.0	35
2.7 $\mu\text{F}$	0.0005	14.5	26	0.8	30	8.0 $\mu\text{F}$	0.0007	21	31	1.0	40
3.0 $\mu\text{F}$	0.0005	15.5	26	0.8	30	8.2 $\mu\text{F}$	0.0007	21.5	31	1.0	40
3.3 $\mu\text{F}$	0.0006	16.5	26	0.8	35	9.1 $\mu\text{F}$	0.0007	22.5	31	1.0	40
3.5 $\mu\text{F}$	0.0006	16.5	26	0.8	35	10 $\mu\text{F}$	0.0007	25	31	1.0	40
3.6 $\mu\text{F}$	0.0006	16.5	26	0.8	35	11 $\mu\text{F}$	0.0007	22	36	1.0	40
3.9 $\mu\text{F}$	0.0006	17.5	26	0.8	35	12 $\mu\text{F}$	0.0008	23	36	1.0	40
4.0 $\mu\text{F}$	0.0006	17.5	26	0.8	35	13 $\mu\text{F}$	0.0008	24	36	1.0	40

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µF	250V					µF	250V				
	Dissipation	OD	L	d	LL		Dissipation	OD	L	d	LL
14µF	0.0008	25	36	1.0	40	43µF	0.0012	36	46	1.0	45
15µF	0.0008	25.5	36	1.0	40	45µF	0.0012	37	46	1.0	45
16µF	0.0008	26.5	36	1.0	40	47µF	0.0012	39	48	1.0	45
18µF	0.0008	28	36	1.0	45	50µF	0.0013	40	49	1.0	45
20µF	0.0008	29.5	36	1.0	45	51µF	0.0013	40.5	49	1.0	45
22µF	0.0009	31.5	36	1.0	45	55µF	0.0013	42	49	1.0	45
24µF	0.0009	32	36	1.0	45	56µF	0.0013	42.5	49	1.0	45
27µF	0.0009	34	36	1.0	45	62µF	0.0014	39.5	59	1.0	45
28µF	0.0009	30	46	1.0	45	68µF	0.0014	41.5	59	1.0	45
30µF	0.001	30.5	46	1.0	45	75µF	0.0014	43.5	59	1.0	45
33µF	0.001	32	46	1.0	45	82µF	0.0014	45	59	1.0	45
36µF	0.0011	33	46	1.0	45	91µF	0.0014	47.5	59	1.2	45
39µF	0.0011	34.5	46	1.0	45	100µF	0.0014	49.5	59	1.2	45
41µF	0.0012	35.5	46	1.0	45	--	--	--	--	--	--

µF	400V					µF	400V				
	Dissipation	OD	L	d	LL		Dissipation	OD	L	d	LL
1.0µF	0.0005	13	21	0.8	25	6.2µF	0.0006	22.5	31	1.0	35
1.1µF	0.0005	13.5	21	0.8	25	6.8µF	0.0007	24	31	1.0	35
1.2µF	0.0005	14.5	21	0.8	25	7.0µF	0.0007	24	31	1.0	35
1.3µF	0.0005	12.5	26	0.8	25	7.5µF	0.0007	24.5	31	1.0	35
1.5µF	0.0005	13.5	26	0.8	25	8.0µF	0.0007	22.5	36	1.0	40
1.6µF	0.0005	14	26	0.8	25	8.2µF	0.0007	23	36	1.0	40
1.8µF	0.0005	14.5	26	0.8	25	9.1µF	0.0007	24.5	36	1.0	40
2.0µF	0.0005	15	26	0.8	30	10µF	0.0007	25.5	36	1.0	40
2.2µF	0.0005	16	26	0.8	30	11µF	0.0007	27	36	1.0	40
2.4µF	0.0005	16.5	26	0.8	30	12µF	0.0008	27.5	36	1.0	40
2.5µF	0.0005	17	26	0.8	30	13µF	0.0008	25	46	1.0	40
2.7µF	0.0005	17.5	26	0.8	30	14µF	0.0008	26	46	1.0	40
3.0µF	0.0005	18.5	26	0.8	30	15µF	0.0008	26	46	1.0	40
3.3µF	0.0006	19	26	0.8	35	16µF	0.0008	27.5	46	1.0	40
3.5µF	0.0006	17.5	31	0.8	35	18µF	0.0008	29	46	1.0	45
3.6µF	0.0006	17.5	31	0.8	35	20µF	0.0008	30.5	46	1.0	45
3.9µF	0.0006	18	31	0.8	35	22µF	0.0009	32	46	1.0	45
4.0µF	0.0006	18.5	31	0.8	35	24µF	0.0009	33.5	46	1.0	45
4.3µF	0.0006	19	31	0.8	35	27µF	0.0009	35.5	46	1.0	45
4.5µF	0.0006	19.5	31	0.8	35	28µF	0.0009	36	46	1.0	45
4.7µF	0.0006	19.5	31	0.8	35	30µF	0.001	37	46	1.0	45
5.0µF	0.0006	20.5	31	1.0	35	33µF	0.001	40	49	1.0	45
5.1µF	0.0006	20.5	31	1.0	35	36µF	0.0011	41.5	49	1.0	45
5.6µF	0.0006	22.5	31	1.0	35	39µF	0.0011	38.5	59	1.0	45
6.0µF	0.0006	22	31	1.0	35	41µF	0.0012	39.5	59	1.0	45

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µF	630V					µF	630V				
	Dissipation	OD	L	d	LL		Dissipation	OD	L	d	LL
43µF	0.0012	40	59	1.0	45	4.5µF	0.0006	27.5	36	1.0	35
45µF	0.0012	41	59	1.0	45	4.7µF	0.0006	28	36	1.0	35
47µF	0.0012	42	59	1.0	45	5.0µF	0.0006	32	36	1.0	35
1.0µF	0.0005	17	26	0.8	25	5.1µF	0.0006	29	36	1.0	35
1.1µF	0.0005	18	26	0.8	25	5.6µF	0.0006	30.5	36	1.0	35
1.2µF	0.0005	18.5	26	0.8	25	6.0µF	0.0007	31.5	36	1.0	35
1.3µF	0.0005	19.5	26	0.8	25	6.2µF	0.0007	32	36	1.0	35
1.5µF	0.0005	21	26	1.0	25	6.8µF	0.0007	33.5	36	1.0	35
1.6µF	0.0005	21.5	26	1.0	25	7.0µF	0.0007	34	36	1.0	35
1.8µF	0.0005	22.5	26	1.0	25	7.5µF	0.0007	35	36	1.0	35
2.0µF	0.0005	21	31	1.0	30	8.0µF	0.0007	31	46	1.0	40
2.2µF	0.0005	22	31	1.0	30	8.2µF	0.0007	31.5	46	1.0	40
2.4µF	0.0005	23	31	1.0	30	9.1µF	0.0007	33	46	1.0	40
2.5µF	0.0005	23	31	1.0	30	10.0µF	0.0007	34.5	46	1.2	40
2.7µF	0.0006	24	31	1.0	30	11.0µF	0.0007	36	46	1.2	40
3.0µF	0.0006	25	31	1.0	30	12.0µF	0.0008	37.5	46	1.2	40
3.3µF	0.0006	26.5	31	1.0	35	13.0µF	0.0008	40	49	1.2	40
3.5µF	0.0006	27	31	1.0	35	14.0µF	0.0008	37	59	1.2	45
3.6µF	0.0006	27.5	31	1.0	35	15.0µF	0.0008	38	59	1.2	45
3.9µF	0.0006	26	36	1.0	35	16.0µF	0.0008	39	59	1.2	45
4.0µF	0.0006	26	36	1.0	35	18.0µF	0.0008	41.5	59	1.2	45
4.3µF	0.0006	27	36	1.0	35	20.0µF	0.0008	43.5	59	1.2	45

Please visit our website to get more update data, those data & specification are subject to change without notice.

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