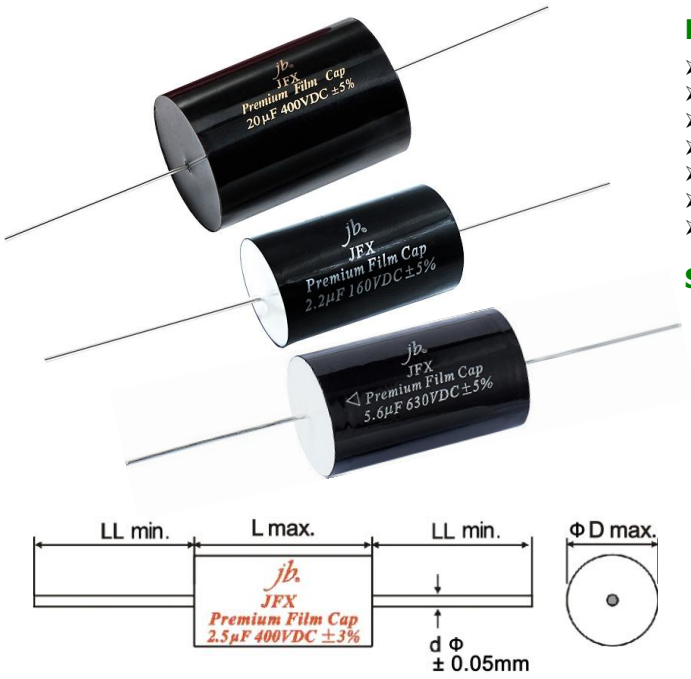
Premium Metallized Polypropylene Film Capacitors – Axial – JFX



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℃～+85℃
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	CR≤0.33μF, I.R≥15,000MΩ
	CR>0.33μF, I.R≥5,000S
Leads Diameter	0.8、1.0 Tinned Pure Copper Wire

STANDARD SIZE (mm)

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

μF	250V					μF	250V				
	Dissipation	ΦD	L	d	LL		Dissipation	ΦD	L	d	LL
1.0uF	≤0.0005	12.5	25	0.8	35	**5.1uF**	≤0.0006	21.5	31.5	0.8	35
1.1uF	≤0.0005	13	25	0.8	35	**5.6uF**	≤0.0006	22.5	31.5	0.8	35
1.2uF	≤0.0005	11.5	31.5	0.8	35	**6.0uF**	≤0.0006	23	31.5	0.8	35
1.3uF	≤0.0005	12	31.5	0.8	35	**6.2uF**	≤0.0006	23.5	31.5	0.8	35
1.5uF	≤0.0005	12.5	31.5	0.8	35	**6.8uF**	≤0.0007	24	31.5	0.8	35
1.6uF	≤0.0005	13	31.5	0.8	35	**7.0uF**	≤0.0007	19.5	46	0.8	35
1.8uF	≤0.0005	13.5	31.5	0.8	35	**7.5uF**	≤0.0007	20.5	46	0.8	35
2.0uF	≤0.0005	14	31.5	0.8	35	**8.0uF**	≤0.0007	21	46	0.8	35
2.2uF	≤0.0005	14.5	31.5	0.8	35	**8.2uF**	≤0.0007	21	46	0.8	35
2.4uF	≤0.0005	15.5	31.5	0.8	35	**9.1uF**	≤0.0007	22.5	46	0.8	35
2.5uF	≤0.0005	15.5	31.5	0.8	35	**10uF**	≤0.0007	23	46	1.0	35
2.7uF	≤0.0005	16	31.5	0.8	35	**11uF**	≤0.0007	24.5	46	1.0	35
3.0uF	≤0.0005	17	31.5	0.8	35	**12uF**	≤0.0008	25	46	1.0	35
3.3uF	≤0.0006	17.5	31.5	0.8	35	**13uF**	≤0.0008	26	46	1.0	35
3.5uF	≤0.0006	18	31.5	0.8	35	**14uF**	≤0.0008	27	46	1.0	35
3.6uF	≤0.0006	18.5	31.5	0.8	35	**15uF**	≤0.0008	28	46	1.0	35
3.9uF	≤0.0006	19	31.5	0.8	35	**16uF**	≤0.0008	29	46	1.0	35
4.0uF	≤0.0006	19	31.5	0.8	35	**18uF**	≤0.0008	30.5	46	1.0	35
4.3uF	≤0.0006	19.5	31.5	0.8	35	**20uF**	≤0.0008	32	46	1.0	35
4.5uF	≤0.0006	20	31.5	0.8	35	**22uF**	≤0.0009	33.5	46	1.0	35
4.7uF	≤0.0006	20.5	31.5	0.8	35	**24uF**	≤0.0009	35	46	1.0	35
5.0uF	≤0.0006	21	31.5	0.8	35	**27uF**	≤0.0009	37	46	1.0	35

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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	35	51uF	≤0.0013	43.5	61	1.0	35
30uF	≤0.001	35	56	1.0	35	55uF	≤0.0013	45	61	1.0	35
33uF	≤0.001	36.5	56	1.0	35	56uF	≤0.0013	46	61	1.0	35
36uF	≤0.0011	38	56	1.0	35	62uF	≤0.0014	48	61	1.0	35
39uF	≤0.0011	39.5	56	1.0	35	68uF	≤0.0014	39.5	61	1.0	35
41uF	≤0.0012	40.5	56	1.0	35	75uF	≤0.0014	42	61	1.0	35
43uF	≤0.0012	41.5	56	1.0	35	82uF	≤0.0014	43.5	61	1.0	35
45uF	≤0.0012	41	61	1.0	35	91uF	≤0.0014	45.5	61	1.0	35
47uF	≤0.0012	42	61	1.0	35	100uF	≤0.0014	46	61	1.0	35
50uF	≤0.0013	43	61	1.0	35	--	--	--	--	--	--

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

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μF	630V					μF	630V				
	Dissipation	ΦD	L	d	LL		Dissipation	ΦD	L	d	LL
1.0uF	≤0.0005	16	31.5	0.8	35	**5.0uF**	≤0.0006	26.5	46	0.8	35
1.1uF	≤0.0005	16.5	31.5	0.8	35	**5.1uF**	≤0.0006	27	46	0.8	35
1.2uF	≤0.0005	17	31.5	0.8	35	**5.6uF**	≤0.0006	28	46	0.8	35
1.3uF	≤0.0005	17.5	31.5	0.8	35	**6.0uF**	≤0.0007	29	46	0.8	35
1.5uF	≤0.0005	19	31.5	0.8	35	**6.2uF**	≤0.0007	29	46	0.8	35
1.6uF	≤0.0005	19.5	31.5	0.8	35	**6.8uF**	≤0.0007	30.5	46	0.8	35
1.8uF	≤0.0005	20.5	31.5	0.8	35	**7.0uF**	≤0.0007	31	46	0.8	35
2.0uF	≤0.0005	21.5	31.5	0.8	35	**7.5uF**	≤0.0007	32	46	0.8	35
2.2uF	≤0.0005	22.5	31.5	0.8	35	**8.0uF**	≤0.0007	33	46	0.8	35
2.4uF	≤0.0005	23.5	31.5	0.8	35	**8.2uF**	≤0.0007	33.5	46	0.8	35
2.5uF	≤0.0005	24	31.5	0.8	35	**9.1uF**	≤0.0007	35	46	0.8	35
2.7uF	≤0.0006	24.5	31.5	0.8	35	**10.0uF**	≤0.0007	32.5	56	1.0	35
3.0uF	≤0.0006	20.5	46	0.8	35	**11.0uF**	≤0.0007	34	56	1.0	35
3.3uF	≤0.0006	21.5	46	0.8	35	**12.0uF**	≤0.0008	35.5	56	1.0	35
3.5uF	≤0.0006	22	46	0.8	35	**13.0uF**	≤0.0008	37	56	1.0	35
3.6uF	≤0.0006	22.5	46	0.8	35	**14.0uF**	≤0.0008	38	56	1.0	35
3.9uF	≤0.0006	23.5	46	0.8	35	**15.0uF**	≤0.0008	39.5	56	1.0	35
4.0uF	≤0.0006	24	46	0.8	35	**16.0uF**	≤0.0008	40.5	56	1.0	35
4.3uF	≤0.0006	25	46	0.8	35	**18.0uF**	≤0.0008	43	56	1.0	35
4.5uF	≤0.0006	25.5	46	0.8	35	**20.0uF**	≤0.0008	45.5	56	1.0	35
4.7uF	≤0.0006	26	46	0.8	35	--	--	--	--	--	--

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

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