

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 ~ 100 μ F
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 $\geq 5,000S$



STANDARD SIZE (mm)

For 0.1 μ F to 1 μ F, please consult to our sales for size.

Leads Diameter

0.6, 0.8, 1.0, 1.2 Silver-plated Copper Wire

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

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μF	630V					μF	630V				
	Dissipation	OD	L	d	LL		Dissipation	OD	L	d	LL
1.0uF	0.0005	14	26	0.8	25	5.0uF	0.0005	23	36	1.0	35
1.1uF	0.0005	15	26	0.8	25	5.1uF	0.0005	24	36	1.0	35
1.2uF	0.0005	16	26	0.8	25	5.6uF	0.0005	25	36	1.0	35
1.3uF	0.0005	16.5	26	0.8	25	6.0uF	0.0005	25	36	1.0	35
1.5uF	0.0005	17	26	1.0	25	6.2uF	0.0005	26	36	1.0	35
1.6uF	0.0005	18	26	1.0	25	6.8uF	0.0005	27	36	1.0	35
1.8uF	0.0005	19	26	1.0	25	7.0uF	0.0005	27.5	36	1.0	35
2.0uF	0.0005	16	31	1.0	30	7.5uF	0.0005	28	36	1.0	35
2.2uF	0.0005	17	31	1.0	30	8.0uF	0.0005	26	46	1.0	40
2.4uF	0.0005	17.5	31	1.0	30	8.2uF	0.0005	26.5	46	1.0	40
2.5uF	0.0005	18	31	1.0	30	9.1uF	0.0005	27	46	1.0	40
2.7uF	0.0005	19	31	1.0	30	10.0uF	0.0005	27.5	46	1.0	40
3.0uF	0.0005	20	31	1.0	30	11.0uF	0.0005	39	49	1.2	40
3.3uF	0.0005	20.5	31	1.0	35	12.0uF	0.0005	41	49	1.2	40
3.5uF	0.0005	21.5	31	1.0	35	13.0uF	0.0005	43	49	1.2	40
3.6uF	0.0005	22	31	1.0	35	14.0uF	0.0005	40	59	1.2	45
3.9uF	0.0005	19	36	1.0	35	15.0uF	0.0005	41	59	1.2	45
4.0uF	0.0005	20	36	1.0	35	16.0uF	0.0005	42	59	1.2	45
4.3uF	0.0005	20.5	36	1.0	35	18.0uF	0.0005	45	59	1.2	45
4.5uF	0.0005	21	36	1.0	35	20.0uF	0.0005	47	59	1.2	45
4.7uF	0.0005	22	36	1.0	35	--	--	--	--	--	--