Pulse Audio Capacitors
Metallized Polypropylene Film Capacitors – Axial – PAC

FEATURES

Short body quick transient design
High Precise Capacitance ±3%
Very Low Dielectric absorption factor
Very Low Dissipation factor
Dissipation Factor: 0.001 to 0.0001 (see details)
Very Low ESR
Very Low Inductance
Very High Insulation Resistance
Excellent Reliability
Excellent handing of high current audio pulses RoHS compliant
Welded and hand soldered leads

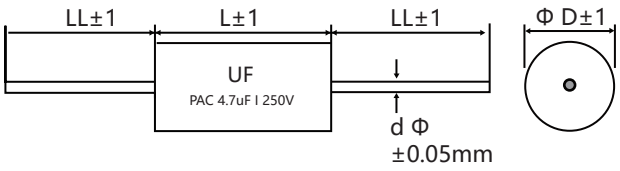
SPECIFICATIONS

Passive flammability	GB10191-88 IEC384-16
Operating temperature	-55℃~+85℃
Capacitance range	0.1~100uF
Capacitance tolerance	±3% 1KHz
Rated voltage	250V、400V、630V.DC
Withstand voltage	1.6VR 5S
Dissipation factor	≤0.0010 1KHz
Insulate the electric resistance	CR≤ 0.33μ F, I.R≥ 15,000MΩ
	CR>0.33μ F, I.R≥ 5,000S
Leads Diameter	0.8、1.0 Tinned Pure Copper

CONSTRUCTTION

Dielectric: High purity polypropylene film
Construction: Short body quick transient design
Coating: Polyester tape wrapped with high dielectric epoxy fill
Electrodes: High purity aluminum vacuum deposited
Winding: Bifilar metallized film
Leads: Lead free tin plated oxygen free pure copper RoHS compliant

SIZE



STANDARD SIZE (mm)

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

μF	250V					μF	250V				
	Dissipation	ØD	L	d	LL		Dissipation	ØD	L	d	LL
1.0uF	≤ 0.0005	12.5	25	0.8	38	5.1uF	≤ 0.0005	21.5	31.5	0.8	38
1.1uF	≤ 0.0005	13	25	0.8	38	5.6uF	≤ 0.0005	22.5	31.5	0.8	38
1.2uF	≤ 0.0005	11.5	31.5	0.8	38	6.0uF	≤ 0.0005	23	31.5	0.8	38
1.3uF	≤ 0.0005	12	31.5	0.8	38	6.2uF	≤ 0.0005	23.5	31.5	0.8	38
1.5uF	≤ 0.0005	12.5	31.5	0.8	38	6.8uF	≤ 0.0005	24	31.5	0.8	38
1.6uF	≤ 0.0005	13	31.5	0.8	38	7.0uF	≤ 0.0005	19.5	46	0.8	38
1.8uF	≤ 0.0005	13.5	31.5	0.8	38	7.5uF	≤ 0.0005	20.5	46	0.8	38
2.0uF	≤ 0.0005	14	31.5	0.8	38	8.0uF	≤ 0.0005	21	46	0.8	38
2.2uF	≤ 0.0005	14.5	31.5	0.8	38	8.2uF	≤ 0.0005	21	46	0.8	38
2.4uF	≤ 0.0005	15.5	31.5	0.8	38	9.1uF	≤ 0.0005	22.5	46	0.8	38
2.5uF	≤ 0.0005	15.5	31.5	0.8	38	10uF	≤ 0.0005	23	46	1.0	38
2.7uF	≤ 0.0005	16	31.5	0.8	38	11uF	≤ 0.0005	24.5	46	1.0	38
3.0uF	≤ 0.0005	17	31.5	0.8	38	12uF	≤ 0.0005	25	46	1.0	38
3.3uF	≤ 0.0005	17.5	31.5	0.8	38	13uF	≤ 0.0005	26	46	1.0	38
3.5uF	≤ 0.0005	18	31.5	0.8	38	14uF	≤ 0.0005	27	46	1.0	38
3.6uF	≤ 0.0005	18.5	31.5	0.8	38	15uF	≤ 0.0005	28	46	1.0	38
3.9uF	≤ 0.0005	19	31.5	0.8	38	16uF	≤ 0.0008	29	46	1.0	38
4.0uF	≤ 0.0005	19	31.5	0.8	38	18uF	≤ 0.0008	30.5	46	1.0	38
4.3uF	≤ 0.0005	19.5	31.5	0.8	38	20uF	≤ 0.0008	32	46	1.0	38
4.5uF	≤ 0.0005	20	31.5	0.8	38	22uF	≤ 0.0008	33.5	46	1.0	38
4.7uF	≤ 0.0005	20.5	31.5	0.8	38	24uF	≤ 0.0008	35	46	1.0	38
5.0uF	≤ 0.0005	21	31.5	0.8	38	27uF	≤ 0.0008	37	46	1.0	38
28uF	≤ 0.0008	34	56	1.0	38	51uF	≤ 0.001	43.5	61	1.0	38
30uF	≤ 0.0008	35	56	1.0	38	55uF	≤ 0.001	45	61	1.0	38
33uF	≤ 0.0008	36.5	56	1.0	38	56uF	≤ 0.001	46	61	1.0	38
36uF	≤ 0.0008	38	56	1.0	38	62uF	≤ 0.001	48	61	1.0	38
39uF	≤ 0.0008	39.5	56	1.0	38	68uF	≤ 0.001	39.5	61	1.0	38
41uF	≤ 0.001	40.5	56	1.0	38	75uF	≤ 0.001	42	61	1.0	38
43uF	≤ 0.001	41.5	56	1.0	38	82uF	≤ 0.001	43.5	61	1.0	38
45uF	≤ 0.001	41	61	1.0	38	91uF	≤ 0.0014	45.5	61	1.0	38
47uF	≤ 0.001	42	61	1.0	38	100uF	≤ 0.0014	46	61	1.0	38
50uF	≤ 0.001	43	61	1.0	38	--	--	--	--	--	--

μF	400V					μF	400V				
	Dissipation	ØD	L	d	LL		Dissipation	ØD	L	d	LL
1.0uF	≤ 0.0005	14.5	25	0.8	38	**7.0uF**	≤ 0.0005	23.5	46	0.8	38
1.1uF	≤ 0.0005	13	31.5	0.8	38	**7.5uF**	≤ 0.0005	24	46	0.8	38
1.2uF	≤ 0.0005	13.5	31.5	0.8	38	**8.0uF**	≤ 0.0005	25	46	0.8	38
1.3uF	≤ 0.0005	14	31.5	0.8	38	**8.2uF**	≤ 0.0005	25.5	46	0.8	38
1.5uF	≤ 0.0005	14.5	31.5	0.8	38	**9.1uF**	≤ 0.0005	26.5	46	0.8	38
1.6uF	≤ 0.0005	15	31.5	0.8	38	**10uF**	≤ 0.0005	28	46	1.0	38
1.8uF	≤ 0.0005	16	31.5	0.8	38	**11uF**	≤ 0.0005	29.5	46	1.0	38
2.0uF	≤ 0.0005	16.5	31.5	0.8	38	**12uF**	≤ 0.0005	30.5	46	1.0	38
2.2uF	≤ 0.0005	17.5	31.5	0.8	38	**13uF**	≤ 0.0005	31.5	46	1.0	38
2.4uF	≤ 0.0005	18	31.5	0.8	38	**14uF**	≤ 0.0005	32.5	46	1.0	38
2.5uF	≤ 0.0005	18.5	31.5	0.8	38	**15uF**	≤ 0.0008	33.5	46	1.0	38
2.7uF	≤ 0.0005	19	31.5	0.8	38	**16uF**	≤ 0.0008	31	56	1.0	38
3.0uF	≤ 0.0005	20	31.5	0.8	38	**18uF**	≤ 0.0008	33	56	1.0	38
3.3uF	≤ 0.0005	20.5	31.5	0.8	38	**20uF**	≤ 0.0008	34.5	56	1.0	38
3.5uF	≤ 0.0005	21	31.5	0.8	38	**22uF**	≤ 0.0008	36.5	56	1.0	38
3.6uF	≤ 0.0005	21.5	31.5	0.8	38	**24uF**	≤ 0.0008	38	56	1.0	38
3.9uF	≤ 0.0005	22.5	31.5	0.8	38	**27uF**	≤ 0.0008	40	56	1.0	38
4.0uF	≤ 0.0005	22.5	31.5	0.8	38	**28uF**	≤ 0.0008	41	56	1.0	38
4.3uF	≤ 0.0005	23.5	31.5	0.8	38	**30uF**	≤ 0.0008	42	56	1.0	38
4.5uF	≤ 0.0005	24	31.5	0.8	38	**33uF**	≤ 0.0008	44	56	1.0	38
4.7uF	≤ 0.0005	19.5	31	0.8	38	**36uF**	≤ 0.0008	46	56	1.0	38
5.0uF	≤ 0.0005	20	31	0.8	38	**39uF**	≤ 0.0008	48	56	1.0	38
5.2uF	≤ 0.0005	21	31	0.8	38	**41uF**	≤ 0.001	47	61	1.0	38
5.6uF	≤ 0.0005	21.5	31	0.8	38	**43uF**	≤ 0.001	48	61	1.0	38
6.1uF	≤ 0.0005	22	31	0.8	38	**45uF**	≤ 0.001	49	61	1.0	38
6.3uF	≤ 0.0005	22.5	31	0.8	38	**47uF**	≤ 0.001	50	61	1.0	38
6.8uF	≤ 0.0005	23	46	0.8	38	**--**	**--**	**--**	**--**	**--**	**--**

μF	630V					μF	630V				
	Dissipation	ØD	L	d	LL		Dissipation	ØD	L	d	LL
1.0uF	≤ 0.0005	16	31.5	0.8	38	**5.0uF**	≤ 0.0005	26.5	46	0.8	38
1.1uF	≤ 0.0005	16.5	31.5	0.8	38	**5.1uF**	≤ 0.0005	27	46	0.8	38
1.2uF	≤ 0.0005	17	31.5	0.8	38	**5.6uF**	≤ 0.0005	28	46	0.8	38
1.3uF	≤ 0.0005	17.5	31.5	0.8	38	**6.0uF**	≤ 0.0005	29	46	0.8	38
1.5uF	≤ 0.0005	18	31.5	0.8	38	**6.2uF**	≤ 0.0005	29	46	0.8	38
1.6uF	≤ 0.0005	19.5	31.5	0.8	38	**6.8uF**	≤ 0.0005	30.5	46	0.8	38
1.8uF	≤ 0.0005	20.5	31.5	0.8	38	**7.0uF**	≤ 0.0005	31	46	0.8	38
2.0uF	≤ 0.0005	21.5	31.5	0.8	38	**7.5uF**	≤ 0.0005	32	46	0.8	38
2.2uF	≤ 0.0005	22.5	31.5	0.8	38	**8.0uF**	≤ 0.0005	33	46	0.8	38
2.4uF	≤ 0.0005	23.5	31.5	0.8	38	**8.2uF**	≤ 0.0005	33.5	46	0.8	38
2.5uF	≤ 0.0005	24	31.5	0.8	38	**9.1uF**	≤ 0.0005	35	46	0.8	38
2.7uF	≤ 0.0005	25.5	31.5	0.8	38	**10.0uF**	≤ 0.0005	32.5	56	1.0	38
3.0uF	≤ 0.0005	20.5	46	0.8	38	**11.0uF**	≤ 0.0005	34	56	1.0	38
3.3uF	≤ 0.0005	21.5	46	0.8	38	**12.0uF**	≤ 0.0005	35.5	56	1.0	38
3.5uF	≤ 0.0005	22	46	0.8	38	**13.0uF**	≤ 0.0005	37	56	1.0	38
3.6uF	≤ 0.0005	22.5	46	0.8	38	**14.0uF**	≤ 0.0005	38	56	1.0	38
3.9uF	≤ 0.0005	23.5	46	0.8	38	**15.0uF**	≤ 0.0008	39.5	56	1.0	38
4.0uF	≤ 0.0005	24	46	0.8	38	**16.0uF**	≤ 0.0008	40.5	56	1.0	38
4.3uF	≤ 0.0005	25	46	0.8	38	**18.0uF**	≤ 0.0008	43	56	1.0	38
4.5uF	≤ 0.0005	25.5	46	0.8	38	**20.0uF**	≤ 0.0008	45.5	56	1.0	38
4.7uF	≤ 0.0005	26	46	0.8	38	**--**	**--**	--	**--**	--	**--**