



Aluminum Electrolytic Capacitors

+85°C Non-Polar, 7mm Height, Radial Lead

FEATURES

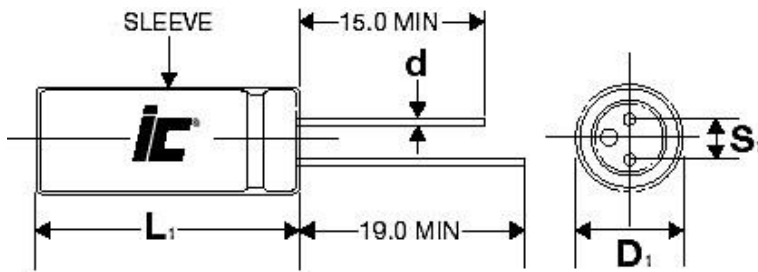
Non/Bi-Polar - 7mm Height

APPLICATIONS

Crossover Networks - Audio Coupling

Operating Temperature Range		-40°C to +85°C					
Capacitance Tolerance		+20% at 120 Hz, 20°C					
Surge voltage	WVDC	6.3	10	16	25	35	50
	SVDC	7.9	13	20	32	44	63
Dissipation Factor	WVDC	6.3	10	16	25	35	50
	tan δ	.26	.22	.20	.18	.14	.12
Leakage current		2 Minutes					
		.05CV or 10uA, Whichever is greater					
Low temperature stability Impedance ratio (120 Hz)	Rated WVDC	6.3	10	16	25	35	50
	-25°C to +20°C	4	3	2	2	2	2
	-40°C to +20°C	8	6	4	4	3	3
Load Life		1000 hours at 85°C with rated WVDC with reversing polarity every 250 hours					
		Capacitance change		≤20% of initial measured value			
		Dissipation factor		≤200% of maximum specified value			
		Leakage current		≤100% of maximum specified value			
Shelf Life		1000 hours at 85°C with no voltage applied					
		Capacitance change		≤20% of initial measured value			
		Dissipation factor		≤200% of maximum specified value			
		Leakage current		≤100% of maximum specified value			
Ripple Current Multipliers		Frequency (Hz)					
		Capacitance (μF)	50	120	1k	10k	
		0.1~68	0.8	1.0	1.45	1.7	
		100	0.8	1.0	1.35	1.5	

[Special Order Options](#)



D	4	5	6.3	8
S	1.5	2	2.5	3.5
d	.45	.45	.45	.5

$D_1 = D + 0.5\text{mm}$
 $L_1 = L + 1\text{mm}$
 $S_1 = S \pm 0.5\text{mm}$

PBM

+85°C, 7mm Height, Bi-Polar,
1000 hour

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 Hz, +85°C	Dims DxL (mm)
6.3	68	686PBM6R3M	6.339	40	6.3x7
6.3	100	107PBM6R3M	4.31	50	6.3x7
10	33	336PBM010M	11.052	45	5x7
10	47	476PBM010M	7.76	64	6.3x7
16	6.8	685PBM016M	48.761	15	4x7
16	10	106PBM016M	33.157	26	4x7
16	15	156PBM016M	22.105	29	5x7
16	22	226PBM016M	15.057	47	5x7
16	33	336PBM016M	10.048	48	6.3x7
16	100	107PBM016M	3.316	120	8x7
25	22	226PBM025M	13.564	43	6.3x7
25	47	476PBM025M	6.349	85	8x7
35	4.7	475PBM035M	56.438	25	4x7
35	6.8	685PBM035M	39.009	22	5x7

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 Hz, +85°C	Dims DxL (mm)
35	10	106PBM035M	26.526	32	5x7
35	15	156PBM035M	17.684	40	6.3x7
35	33	336PBM035M	8.038	80	8x7
50	0.47	474PBM050M	493.832	4	4x7
50	0.68	684PBM050M	341.325	6	4x7
50	1	105PBM050M	232.101	8.5	4x7
50	1.5	155PBM050M	154.734	10	4x7
50	2.2	225PBM050M	105.5	14	4x7
50	3.3	335PBM050M	70.334	19	4x7
50	4.7	475PBM050M	42.328	25	5x7
50	6.8	685PBM050M	34.132	29	6.3x7
50	10	106PBM050M	23.21	40	8x7
50	22	226PBM050M	10.55	65	8x7