PBM

Aluminum Electrolytic Capacitors

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

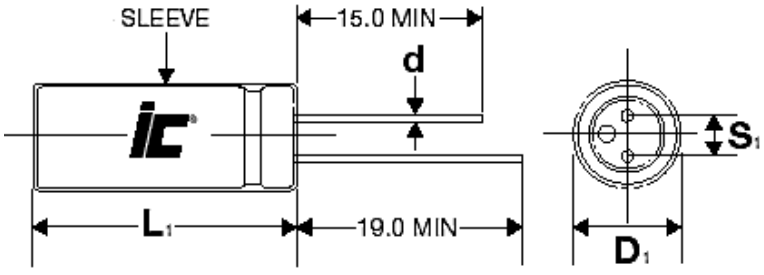


FEATURES	Non/Bi-polar – 7mm Height
APPLICATIONS	Crossover Networks – Audio Coupling

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 (uF)	**50**	**120**	**1k**	**10k**
	0.1~68	0.8	1.0	1.45	1.7
	100	0.8	1.0	1.35	1.5



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

D_1=D+0.5mm
L_1=L+1mm
S_1=S±0.5mm

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+85°C, 7mm Height Bi-Polar
1000 hour

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 Hz, +85°C	Dims DxL (mm)
0.47	50	474PBM050M	493.832	4	4x7
0.68	50	684PBM050M	341.325	6	4x7
1	50	105PBM050M	232.101	8.5	4x7
1.5	50	155PBM050M	154.734	10	4x7
2.2	50	225PBM050M	105.5	14	4x7
3.3	50	335PBM050M	70.334	19	4x7
4.7	35	475PBM035M	56.438	25	4x7
4.7	50	475PBM050M	42.328	25	5x7
6.8	16	685PBM016M	48.761	15	4x7
6.8	35	685PBM035M	39.009	22	5x7
6.8	50	685PBM050M	34.132	29	6.3x7
10	16	106PBM016M	33.157	26	4x7
10	35	106PBM035M	26.526	32	5x7
10	50	106PBM050M	23.21	40	8x7

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 Hz, +85°C	Dims DxL (mm)
15	16	156PBM016M	22.105	29	5x7
15	35	156PBM035M	17.684	40	6.3x7
22	16	226PBM016M	15.057	47	5x7
22	25	226PBM025M	13.564	43	6.3x7
22	50	226PBM050M	10.55	65	8x7
33	10	336PBM010M	11.052	45	5x7
33	16	336PBM016M	10.048	48	6.3x7
33	35	336PBM035M	8.038	80	8x7
47	10	476PBM010M	7.76	64	6.3x7
47	25	476PBM025M	6.349	85	8x7
68	6.3	686PBM6R3M	6.339	40	6.3x7
100	6.3	107PBM6R3M	4.31	50	6.3x7
100	16	107PBM016M	3.316	120	8x7

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