



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Radial Lead Aluminum Electrolytic Capacitors

+105°C High Frequency

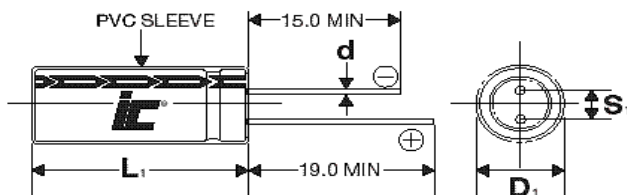
FEATURES

Low ESR - High Ripple Current - Multiple case sizes

APPLICATIONS

Filtering - Bypass - Coupling - Blocking

Operating Temperature Range		-55°C to +105°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				Add .02 for every 1000uF above 1000uF		
	Tan δ	.26	.22	.18	.16	.14	.12						
Leakage current		1 Minute											
		.03CV											
Low temperature stability Impedance ratio (120 Hz)	WVDC	6.3	10	16	25	35	50						
	-55°C to +20°C	6	6	4	4	4	3						
Load Life		3000 hours at 105°C with rated WVDC and ripple current applied (2000 hrs for D_{≤6.3})											
		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 105°C with no voltage applied											
		Capacitance change		≤20% initial measured value									
		Dissipation factor		≤200% of maximum specified value									
		Leakage current		≤100% of maximum specified value									
Ripple Current Multipliers		Frequency (Hz)						Temperature (°C)					
		Capacitance	50	120	300	1k	10k	100k	+105	+85	+65	+50	
		C≤4.7	.3	.43	.7	.54	.83	1.0	1.0	1.73	2.19	2.4	
		4.7<C≤33	.38	.51	.62	.76	.87	1.0	1.0	1.73	2.19	2.4	
		33<C≤100	.48	.6	.71	.85	.9	1.0	1.0	1.73	2.19	2.4	
		100<C≤270	.6	.72	.8	.91	.95	1.0	1.0	1.73	2.19	2.4	
		270<C≤1000	.68	.83	.9	.96	1.0	1.0	1.0	1.73	2.19	2.4	
		C>1000	.82	.91	.98	.98	1.0	1.0	1.0	1.73	2.19	2.4	



D	5	6.3	8	10	12.5	16	18
S	2.0	2.5	3.5	5.0	5.0	7.5	7.5
d	0.5	0.5	0.6	0.6	0.6	0.8	0.8

L≤16mm, L₁=L+1.5mm Max.

L>16mm, L₁=L+2mm Max.

D₁=D+0.5mm Max.

S₁=S+0.5 mm

