



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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Aluminum Electrolytic Capacitors

+85°C Low Leakage, Axial Lead

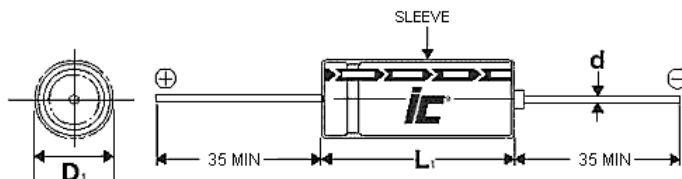
FEATURES

Small size - High voltage - General purpose

APPLICATIONS

Inverters – DC link – AC/DC motor controls – Solar inverters

Operating Temperature Range		-40°C to +85°C														
Capacitance Tolerance		±20% at 120 Hz, 20°C														
Surge Voltage	WVDC	10	16	25	35	50										
	SVDC	13	20	32	44	63										
Dissipation Factor	WVDC	10	16	25	35	50										
	Tan δ	.2	.16	.14	.12	.1										
Leakage Current		2 Minutes														
		.002CV or 0.4uA, Whichever is greater														
Low Temperature Stability Impedance Ratio (120 Hz)	WVDC	10	16	25	35	50										
	-25°C to +20°C	3	2	2	2	2										
	-40°C to +20°C	8	6	4	3	3										
Load Life		2000 hours at 105°C with rated WVDC and ripple current applied														
		Capacitance Change	≤20% of initial measured value													
		Dissipation Factor	≤150% 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		Capacitance	Frequency (Hz)					Temperature (°C)								
		uF	50	120	400	1k	10k	50k	+85	+70	+60	+30				
		C≤10	.8	1.0	1.3	1.45	1.65	1.7	1.0	1.3	1.5	1.8				
		10<C≤100	.8	1.0	1.23	1.36	1.48	1.53	1.0	1.3	1.5	1.8				



D	5	6.3	8
d	0.5	0.5	0.6
B	0.5	0.5	0.5

$L_1 = L + 1.0\text{mm Max.}$ mm
 $D_1 = D + B \text{ Max.}$

