



Radial Lead Aluminum Electrolytic Capacitors

+125°C Standard

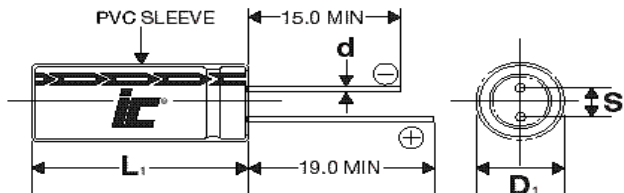
FEATURES

Small Size - High Voltage - General Purpose

APPLICATIONS

Inverters – DC Link – AC/DC Motor Controls – Solar Inverters

Operating Temperature Range		-40°C to +125°C								
Capacitance Tolerance		+20% at 120 Hz, 20°C								
Surge Voltage	WVDC	10	16	25	35	50	63			
	SVDC	13	20	32	44	63	79			
Dissipation Factor	WVDC	10	16	25	35	50	63			
	Tan δ	.2	.16	.14	.12	.1	.1			
		Add .02 for every 1000uF above 1000uF								
Leakage Current		10 to 63 WVDC								
		1 Minutes .03CV or 4uA, Whichever is greater				2 Minutes .01CV or 3uA, Whichever is greater				
Low Temperature Stability Impedance Ratio (120 Hz)	WVDC	10	16	25	35	50	63			
	-25°C to +20°C	3	2	2	2	2	2			
	-40°C to +20°C	4	4	4	4	4	4			
Load Life		2000 hours at 125°C with rated WVDC and ripple current applied								
		Capacitance Change		≤20% of initial measured value						
		Dissipation Factor		≤200% of maximum specified value						
Shelf Life		1000 hours at 125°C with no voltage applied								
		Capacitance Change		≤20% of initial measured value						
		Dissipation Factor		≤200% of maximum specified value						
Ripple Current Multipliers		Frequency (Hz)				Temperature (°C)				
		WVDC	50	120	1k	10k	+105	+85	+70	+60
		6.3 to 25V	.85	1.0	1.10	1.20	1.0	1.4	1.4	1.75
		35 to 100V	.8	1.0	1.15	1.25	1.0	1.4	1.4	1.75
160 to 250V	.75	1.0	1.25	1.40	1.0	1.4	1.4	1.75		
350 to 450V	.7	1.0	1.30	1.80	1.0	1.4	1.4	1.75		



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

L₁=L+1.5mm Max.
D₁=D+0.5mm Max.
S₁=S+0.5 mm

