

FEATURES

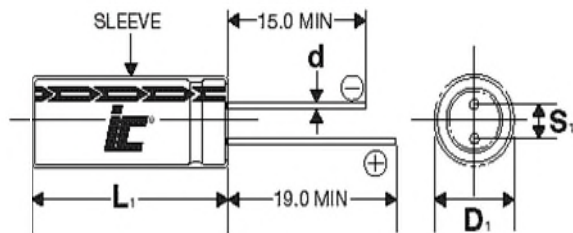
High Voltage – Very Fast Charge/Discharge – High Power Density –
RoHS Compliant

APPLICATIONS

Solar/Wind Energy Storage – Pulse Power – Energy Harvesting –
UPS Systems – Smart Electric Meters

Operating Temperature Range		-15°C to +85°C	
Storage Temperature		-40°C to +70°C	
Capacitance Tolerance @ 25°C		±20%	
Voltage (Vdc) (+70°C/+85°C)	WVDC	3.8	3.8V / 3.5V
	SVDC	4.2	
	Minimum	2.2	
Life Time	1000 hours with rated voltage applied at 70°C		
	Capacitance change	±50% of initially measured values	
	ESR	<1000% of initially specified values	
	Leakage current	≤100% specified maximum value	
Shelf Life	1000 hours with no voltage applied at 70°C		
	Capacitance change	±30% of initially measured values	
	ESR	<200% of initially specified values	
Life Cycles (25°C) 1 cycle = Charge / Discharge from 3.8~2.5VDC	500,000 cycles		
	Capacitance change	±30% of initially measured values	
	ESR change	<200% of initially specified values	

D = 8 to 18mm



Lead spacing VS. Case diameter					
D	8	10	12.5	16	18
S	3.5	5.0	5.0	7.5	7.5
d	0.6	0.6	0.6	0.8	0.8
α	1.5	2.0	2.0	2.0	2.0

$L_1 = L + \alpha$ mm
 $D_1 = D + 0.5$ mm
 $S_1 = S \pm 0.5$ mm

