



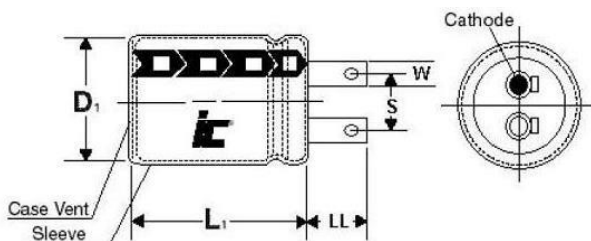
### FEATURES

High Reliability - High voltage – Long life

### APPLICATIONS

Emergency lights – Signal lights

<b>Operating Temperature Range</b>		<b>-20°C to +70°C</b>		
<b>Capacitance Tolerance</b>		<b>-10 to+20% at 120 Hz, 25°C</b>		
<b>Surge Voltage</b>	<b>WVDC</b>	<b>360</b>	<b>450</b>	
	<b>SVDC</b>	450	500	
<b>Dissipation Factor 25°C, 120 Hz</b>	<b>WVDC</b>	<b>360</b>	<b>450</b>	
	<b>tan δ</b>	.07	.07	
<b>Leakage Current @25°C, Rated WVDC applied</b>		<b>Time</b>	<b>5 Minutes</b>	
			$3\sqrt{CV}$	
<b>Charge/ Discharge</b>		<b>1 million flashes at rated voltage applied &amp; 45°C repeating every 30 seconds thru a Xe flash tube having a discharge resistance if 0.7~1.0Ω</b>		
		<b>Capacitance Change</b>	≤10% of initial measured value	
		<b>Dissipation Factor</b>	≤150% of maximum specified value	
		<b>Leakage Current</b>	≤200% of maximum specified value	
<b>Shelf Life</b>		<b>500 hours at 70°C with no voltage applied</b>		
		<b>Capacitance Change</b>	≤10% initial measured value	
		<b>Dissipation Factor</b>	≤150% of maximum specified value	
		<b>Leakage Current</b>	≤200% of maximum specified value	



<b>D</b>	<b>20</b>	<b>22</b>	<b>25</b>	<b>30</b>	<b>35</b>	<b>40</b>
<b>α</b>	0.5	0.5	1.0	1.0	1.0	1.0
<b>LL±2</b>	11	11	11	11	11	11
<b>S ±1</b>	8	10	10	10	10	12.5
<b>W</b>	2.6	2.6	3.0	3.0	3.0	3.0

$D_1 = D \pm \alpha$   
 $L_1 = L \pm 2$

# FSL

+70°C, photoflash snap in

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	LC (µA) 20°C, 5 minutes	Dims DxL (mm)
47	450	476FSL450XBE	2.47041	436.29	22x35
60	360	606FSL360XBD	1.93516	440.91	22x30
68	450	686FSL450XBF	1.70749	524.79	22x40
68	450	686FSL450XCD	1.70749	524.79	25x30
70	360	706FSL360XBE	1.65871	476.24	22x35
70	360	706FSL360XCC	1.65871	476.24	25x25
80	360	806FSL360XBF	1.45137	509.12	22x40
80	360	806FSL360XCD	1.45137	509.12	25x30
100	360	107FSL360XBG	1.16109	569.21	22x45
100	360	107FSL360XCE	1.16109	569.21	25x35
100	360	107FSL360XDC	1.16109	569.21	30x25
100	450	107FSL450XBH	1.16109	636.4	22x50
100	450	107FSL450XCF	1.16109	636.4	25x40
100	450	107FSL450XDE	1.16109	636.4	30x35
120	360	127FSL360XBH	0.967578	623.54	22x50
120	360	127FSL360XCF	0.967578	623.54	25x40
120	360	127FSL360XDD	0.967578	623.54	30x30
120	450	127FSL450XBP	0.967578	697.14	22x55
120	450	127FSL450XCG	0.967578	697.14	25x45
120	450	127FSL450XDF	0.967578	697.14	30x40
150	360	157FSL360XBP	0.774062	697.14	22x55
150	360	157FSL360XCG	0.774062	697.14	25x45
150	360	157FSL360XDE	0.774062	697.14	30x35
150	450	157FSL450XBZ	0.774062	779.42	22x60

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	LC (µA) 20°C, 5 minutes	Dims DxL (mm)
150	450	157FSL450XCH	0.774062	779.42	25x50
150	450	157FSL450XDG	0.774062	779.42	30x45
180	360	187FSL360XCH	0.645052	763.68	25x50
180	360	187FSL360XDF	0.645052	763.68	30x40
180	360	187FSL360XED	0.645052	763.68	35x30
220	360	227FSL360XCZ	0.52777	844.27	25x60
220	360	227FSL360XDJ	0.52777	844.27	30x45
220	360	227FSL360XEE	0.52777	844.27	35x35
220	450	227FSL450XCZ	0.52777	943.93	25x60
220	450	227FSL450XDP	0.52777	943.93	30x55
220	450	227FSL450XEG	0.52777	943.93	35x45
270	360	277FSL360XDH	0.430035	935.31	30x50
270	360	277FSL360XEF	0.430035	935.31	35x40
270	450	277FSL450XDJ	0.430035	1045.71	35x65
270	450	277FSL450XEP	0.430035	1045.71	35x55
330	360	337FSL360XDP	0.351846	1034.02	30x55
330	360	337FSL360XEH	0.351846	1034.02	35x50
330	450	337FSL450XEJ	0.351846	1156.07	35x65
330	450	337FSL450XFP	0.351846	1156.07	40x55
470	360	477FSL360XEZ	0.247041	1234.02	35x60
470	360	477FSL360XFH	0.247041	1234.02	40x50
470	450	477FSL450XEQ	0.247041	1379.67	35x75
470	450	477FSL450XFJ	0.247041	1379.67	40x65