



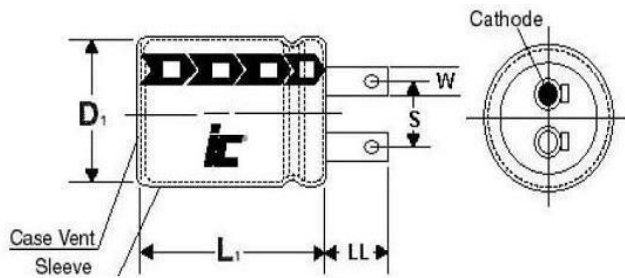
FEATURES

High Reliability - High voltage - Long life

APPLICATIONS

Emergency lights - Signal lights

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



D	20	22	25	30	35	40
α	0.5	0.5	1.0	1.0	1.0	1.0
$LL_{\pm 2}$	11	11	11	11	11	11
$S_{\pm 1}$	8	10	10	10	10	12.5
W	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

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	LC (µA) 20°C, 5 minutes	Dims DxL (mm)
360	60	606FSL360XBD	1.93516	440.91	22x30
360	70	706FSL360XBE	1.65871	476.24	22x35
360	70	706FSL360XCC	1.65871	476.24	25x25
360	80	806FSL360XBF	1.45137	509.12	22x40
360	80	806FSL360XCD	1.45137	509.12	25x30
360	100	107FSL360XBG	1.16109	569.21	22x45
360	100	107FSL360XCE	1.16109	569.21	25x35
360	100	107FSL360XDC	1.16109	569.21	30x25
360	120	127FSL360XBH	0.967578	623.54	22x50
360	120	127FSL360XCF	0.967578	623.54	25x40
360	120	127FSL360XDD	0.967578	623.54	30x30
360	150	157FSL360XBP	0.774062	697.14	22x55
360	150	157FSL360XCG	0.774062	697.14	25x45
360	150	157FSL360XDE	0.774062	697.14	30x35
360	180	187FSL360XCH	0.645052	763.68	25x50
360	180	187FSL360XDF	0.645052	763.68	30x40
360	180	187FSL360XED	0.645052	763.68	35x30
360	220	227FSL360XCZ	0.52777	844.27	25x60
360	220	227FSL360XDG	0.52777	844.27	30x45
360	220	227FSL360XEE	0.52777	844.27	35x35
360	270	277FSL360XDH	0.430035	935.31	30x50
360	270	277FSL360XEF	0.430035	935.31	35x40
360	330	337FSL360XDP	0.351846	1034.02	30x55
360	330	337FSL360XEH	0.351846	1034.02	35x50

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	LC (µA) 20°C, 5 minutes	Dims DxL (mm)
360	470	477FSL360XEZ	0.247041	1234.02	35x60
360	470	477FSL360XFH	0.247041	1234.02	40x50
450	47	476FSL450XBE	2.47041	436.29	22x35
450	68	686FSL450XBF	1.70749	524.79	22x40
450	68	686FSL450XCD	1.70749	524.79	25x30
450	100	107FSL450XBH	1.16109	636.4	22x50
450	100	107FSL450XCF	1.16109	636.4	25x40
450	100	107FSL450XDE	1.16109	636.4	30x35
450	120	127FSL450XBP	0.967578	697.14	22x55
450	120	127FSL450XCG	0.967578	697.14	25x45
450	120	127FSL450XDF	0.967578	697.14	30x40
450	150	157FSL450XBZ	0.774062	779.42	22x60
450	150	157FSL450XCH	0.774062	779.42	25x50
450	150	157FSL450XDG	0.774062	779.42	30x45
450	220	227FSL450XCZ	0.52777	943.93	25x60
450	220	227FSL450XDP	0.52777	943.93	30x55
450	220	227FSL450XEG	0.52777	943.93	35x45
450	270	277FSL450XEP	0.430035	1045.71	35x55
450	270	277FSL450XDJ	0.430035	1045.71	35x65
450	330	337FSL450XEM	0.351846	1156.07	35x80
450	330	337FSL450XFP	0.351846	1156.07	40x55
450	470	477FSL450XEQ	0.247041	1379.67	35x75
450	470	477FSL450XFJ	0.247041	1379.67	40x65