



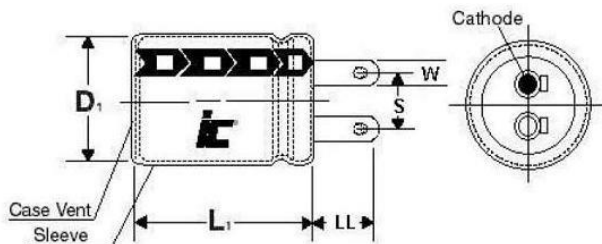
FEATURES

High Voltage – Low Leakage – Low Dissipation Factor

APPLICATIONS

Emergency lights – Signal lights Mobile

Operating Temperature Range	-20°C to +55°C		
Capacitance Tolerance	-10 to +20% at 120 Hz, 25°C		
Surge Voltage	WVDC	330	360
	SVDC	350	390
Dissipation Factor	Cap	C _≤ 600 uF	C _{>} 600 uF
	tan δ	.07	.1
Leakage Current @25°C, Rated WVDC applied	time	5 Minutes	
		1°C	
Charge/ Discharge	5000 flashes at rated voltage applied at 5~35°C repeating every 30 seconds thru a Xe flash tube having a discharge resistance if 0.7~1.0Ω		
	Capacitance Change	≤10% of initial measured value	
	Dissipation Factor	≤150% of maximum specified value	
	Leakage Current	≤150% 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	≤150% of maximum specified value	



D	22	25	30	35	40
α	0.5	1.0	1.0	1.0	1.0
D1	D _± α	D _± α	D _± α	D _± α	D _± α
L1	L+3	L+3	L+3	L+3	L+3
LL+/-2mm	5.0	5.5	5.5	5.5	5.5
S +/-1.0mm	10	10	10	10	12.5
W	2.6	3.0	3.0	3.0	3.0

FSB

+55°C, Snap in

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	LC (µA) 20°C, 5 minutes	Dims DxL (mm)
220	330	227FSB330XBD	0.469	220	22x30
220	330	227FSB330XGBD	0.469	220	22x40
220	360	227FSB360XBE	0.469	220	22x35
220	360	227FSB360XCD	0.469	220	25x30
220	360	227FSB360XGBE	0.469	220	22x35
220	360	227FSB360XGCD	0.469	220	25x30
220	360	227FSB360XCD	0.469	220	25x30
330	330	337FSB330XBF	0.313	330	22x40
330	330	337FSB330XCD	0.313	330	25x30
330	330	337FSB330XGBF	0.313	330	22x40
330	330	337FSB330XGCD	0.313	330	25x30
330	360	337FSB360XBG	0.313	330	22x45
330	360	337FSB360XCF	0.313	330	25x40
330	360	337FSB360XDE	0.313	330	30x35
330	360	337FSB360XGBG	0.313	330	22x45
330	360	337FSB360XGCF	0.313	330	25x40
330	360	337FSB360XGDE	0.313	330	30x35
470	330	477FSB330XBH	0.219	470	22x50
470	330	477FSB330XCF	0.219	470	25x40
470	330	477FSB330XDF	0.219	470	30x35
470	330	477FSB330XGBH	0.219	470	22x50
470	330	477FSB330XGCF	0.219	470	25x40
470	330	477FSB330XGDE	0.219	470	30x35
470	360	477FSB360XBP	0.219	470	22x55
470	360	477FSB360XCP	0.219	470	22x55
470	360	477FSB360XDG	0.219	470	30x35
470	360	477FSB360XGBP	0.219	470	22x55
470	360	477FSB360XGCP	0.219	470	25x55
470	360	477FSB360XGDG	0.219	470	30x45
680	330	687FSB330XBZ	0.217	680	22x60
680	330	687FSB330XCH	0.217	680	25x50
680	330	687FSB330XDG	0.217	680	30x45
680	330	687FSB330XEF	0.217	680	35x40
680	330	687FSB330XGBZ	0.217	680	22x60
680	330	687FSB330XGCH	0.217	680	25x50
680	330	687FSB330XGDG	0.217	680	30x45
680	330	687FSB330XGEF	0.217	680	35x40
680	360	687FSB360XBJ	0.217	680	22x65
680	360	687FSB360XCJ	0.217	680	25x65
680	360	687FSB360XDP	0.217	680	30x55
680	360	687FSB360XEH	0.217	680	35x50
680	360	687FSB360XGBJ	0.217	680	22x65
680	360	687FSB360XGDP	0.217	680	30x55
680	360	687FSB360XGEH	0.217	680	35x50
680	360	687FSB260XGCJ	0.217	680	25x65
820	330	827FSB330XBQ	0.18	820	22x75
820	330	827FSB330XCZ	0.18	820	25x60
820	330	827FSB330XDP	0.18	820	30x55
820	330	827FSB330XEQ	0.18	820	35x45
820	330	827FSB330XGBQ	0.18	820	22x75
820	330	827FSB330XGCZ	0.18	820	25x60
820	330	827FSB330XGDP	0.18	820	30x55
820	330	827FSB330XGEG	0.18	820	35x45
820	360	827FSB360CQ	0.18	820	25x75
820	360	827FSB360XBQ	0.18	820	22x75

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	LC (µA) 20°C, 5 minutes	Dims DxL (mm)
820	360	827FSB360XDJ	0.18	820	30x65
820	360	827FSB360XEP	0.18	820	35x55
820	360	827FSB360XGBQ	0.18	820	25x75
820	360	827FSB360XGCQ	0.18	820	25x75
820	360	827FSB360XGDJ	0.18	820	30x65
820	360	827FSB360XGEP	0.18	820	35x55
1000	330	108FSB330XEP	0.147	1000	35x55
1000	330	108FSB330XGCQ	0.147	1000	25x75
1000	330	108FSB330XCQ	0.147	1000	25x75
1000	330	108FSB330XDJ	0.147	1000	30x65
1000	330	108FSB330XGDJ	0.147	1000	30x65
1000	330	108FSB360XCR	0.147	1000	25x85
1000	330	108FSB330XGEJ	0.147	1000	35x55
1000	360	108FSB360XDQ	0.147	1000	30x75
1000	360	108FSB360XEZ	0.147	1000	35x60
1000	360	108FSB360XGCR	0.147	1000	25x85
1000	360	108FSB360XGDQ	0.147	1000	30x75
1000	360	108FSB360XGEZ	0.147	1000	35x60
1200	330	128FSB330XDQ	0.123	1200	30x75
1200	330	128FSB330XEZ	0.123	1200	35x60
1200	330	128FSB330XGDQ	0.123	1200	30x75
1200	330	128FSB330XGEZ	0.123	1200	35x60
1200	360	128FSB360XDR	0.123	1200	30x85
1200	360	128FSB360XEJ	0.123	1200	35x65
1200	360	128FSB360XFZ	0.123	1200	40x60
1200	360	128FSB360XGDR	0.123	1200	30x85
1200	360	128FSB360XGEJ	0.123	1200	35x65
1200	360	128FSB360XGFZ	0.123	1200	40x60
1500	330	158FSB330XEJ	0.123	1200	35x65
1500	330	158FSB330XFZ	0.123	1500	40x60
1500	330	158FSB330XGEJ	0.123	1500	35x65
1500	330	158FSB330XGFZ	0.123	1500	40x60
1800	330	188FSB330XEK	0.1228	1800	35x70
1800	330	188FSB330XFJ	0.1228	1800	40x65
1800	330	188FSB330XGEK	0.1228	1800	35x70
1800	330	188FSB330XGFJ	0.1228	1800	40x65
1800	360	188FSB360XEK	0.1228	1800	35x70
1800	360	188FSB360XFJ	0.1228	1800	40x65
1800	360	188FSB360XGEK	0.1228	1800	35x70
1800	360	188FSB360XGFJ	0.1228	1800	40x65
2200	330	228FSB330XGEQ	0.1005	2200	35x75
2200	330	228FSB330XGFK	0.1005	2200	40x70
2200	330	228FSB330XEQ	0.067	2200	35x75
2200	330	228FSB330XFK	0.067	2200	40x70
2200	360	228FSB360XEQ	0.1005	2200	35x75
2200	360	228FSB360XFK	0.1005	2200	40x70
2200	360	228FSB360XGEQ	0.1005	2200	35x75
2200	360	228FSB360XGFK	0.1005	2200	40x70
2500	330	258FSB330XFQ	0.0884	2500	40x75
2500	330	258FSB330XGFM	0.0884	2500	40x75
2500	360	258FSB360XEM	0.0884	2500	35x80
2500	360	258FSB360XFM	0.0884	2500	40x80
2500	360	258FSB360XGEM	0.0884	2500	35x80
2500	360	258FSB360XGFM	0.0884	2500	40x80