



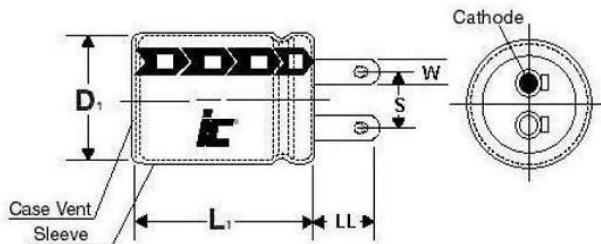
FEATURES

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	



	22	25	30	35	40
D	0.5	1.0	1.0	1.0	1.0
α	D+ α	D+ α	D+ α	D+ α	D+ α
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

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	LC (µA) 20°C, 5 minutes	Dims DxL (mm)
330	220	227FSB330XBD	0.469	220	22x30
330	220	227FSB330XGBD	0.469	220	22x40
330	330	337FSB330XGBF	0.313	330	22x40
330	330	337FSB330XBF	0.313	330	22x40
330	330	337FSB330XCD	0.313	330	25x30
330	330	337FSB330XGCD	0.313	330	25x30
330	470	477FSB330XGBH	0.219	470	22x50
330	470	477FSB330XBH	0.219	470	22x50
330	470	477FSB330XCF	0.219	470	25x40
330	470	477FSB330XGCF	0.219	470	25x40
330	470	477FSB330XGDE	0.219	470	30x35
330	470	477FSB330XDF	0.219	470	30x35
330	680	687FSB330XBZ	0.217	680	22x60
330	680	687FSB330XGBZ	0.217	680	22x60
330	680	687FSB330XGCH	0.217	680	25x50
330	680	687FSB330XCH	0.217	680	25x50
330	680	687FSB330XDG	0.217	680	30x45
330	680	687FSB330XGDG	0.217	680	30x45
330	680	687FSB330XGEF	0.217	680	35x40
330	680	687FSB330XEF	0.217	680	35x40
330	820	827FSB330XBQ	0.18	820	22x75
330	820	827FSB330XGBQ	0.18	820	22x75
330	820	827FSB330XGCZ	0.18	820	25x60
330	820	827FSB330XCZ	0.18	820	25x60
330	820	827FSB330XDP	0.18	820	30x55
330	820	827FSB330XGDP	0.18	820	30x55
330	820	827FSB330XGEG	0.18	820	35x45
330	820	827FSB330XEG	0.18	820	35x45
330	1000	108FSB330XGCQ	0.147	1000	25x75
330	1000	108FSB330XCQ	0.147	1000	25x75
330	1000	108FSB360XCR	0.147	1000	25x85
330	1000	108FSB330XDJ	0.147	1000	30x65
330	1000	108FSB330XGDJ	0.147	1000	30x65
330	1000	108FSB330XEP	0.147	1000	35x55
330	1000	108FSB330XEJ	0.147	1000	35x55
330	1200	128FSB330XDZ	0.123	1200	30x60
330	1200	128FSB330XGDQ	0.123	1200	30x75
330	1200	128FSB330XDQ	0.123	1200	30x75
330	1500	158FSB330XGEJ	0.123	1500	35x65
330	1500	158FSB330XEJ	0.123	1200	35x65
330	1500	158FSB330XGFZ	0.123	1500	40x60
330	1500	158FSB330XFZ	0.123	1500	40x60
330	1800	188FSB330XEK	0.1228	1800	35x70
330	1800	188FSB330XGEM	0.1228	1800	35x70
330	1800	188FSB330XGFJ	0.1228	1800	40x65
330	1800	188FSB330XFJ	0.1228	1800	40x65
330	2200	228FSB330XEQ	0.067	2200	35x75
330	2200	228FSB330XGEQ	0.1005	2200	35x75
330	2200	228FSB330XGFK	0.1005	2200	40x70
330	2200	228FSB330XFK	0.067	2200	40x70
330	2500	258FSB330XFQ	0.0884	2500	40x75
330	2500	258FSB330XGFQ	0.0884	2500	40x75
360	220	227FSB360XGBE	0.469	220	22x35
360	220	227FSB360XBE	0.469	220	22x35

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	LC (µA) 20°C, 5 minutes	Dims DxL (mm)
360	220	227FSB360XCD	0.469	220	25x30
360	220	227FSB360XGCD	0.469	220	25x30
360	220	227FSB360XCD	0.469	220	25x30
360	330	337FSB360XBG	0.313	330	22x45
360	330	337FSB360XGBG	0.313	330	22x45
360	330	337FSB360XGCF	0.313	330	25x40
360	330	337FSB360XCF	0.313	330	25x40
360	330	337FSB360XDE	0.313	330	30x35
360	330	337FSB360XGDE	0.313	330	30x35
360	470	477FSB360XBP	0.219	470	22x55
360	470	477FSB360XCP	0.219	470	22x55
360	470	477FSB360XGBP	0.219	470	22x55
360	470	477FSB360XGCP	0.219	470	22x55
360	470	477FSB360XGDP	0.219	470	30x35
360	470	477FSB360XGDP	0.219	470	30x35
360	470	477FSB360XGDG	0.219	470	30x45
360	470	477FSB360XGDE	0.219	470	30x45
360	680	687FSB360XGBJ	0.217	680	22x65
360	680	687FSB360XBJ	0.217	680	22x65
360	680	687FSB360XCJ	0.217	680	25x65
360	680	687FSB260XGCJ	0.217	680	25x65
360	680	687FSB360XDP	0.217	680	30x55
360	680	687FSB360XGDP	0.217	680	30x55
360	680	687FSB360XGEH	0.217	680	35x50
360	680	687FSB360XEH	0.217	680	35x50
360	820	827FSB360XBQ	0.18	820	22x75
360	820	827FSB360XGBQ	0.18	820	25x75
360	820	827FSB360XGCQ	0.18	820	25x75
360	820	827FSB360XGCQ	0.18	820	25x75
360	820	827FSB360XGDJ	0.18	820	30x65
360	820	827FSB360XDJ	0.18	820	30x65
360	820	827FSB360XEP	0.18	820	35x55
360	820	827FSB360XGEP	0.18	820	35x55
360	1000	108FSB360XGCR	0.147	1000	25x85
360	1000	108FSB360XGDR	0.147	1000	30x75
360	1000	108FSB360XDQ	0.147	1000	30x75
360	1000	108FSB360XEZ	0.147	1000	35x60
360	1000	108FSB360XGEZ	0.147	1000	35x60
360	1200	128FSB360XGDR	0.123	1200	30x85
360	1200	128FSB360XDR	0.123	1200	30x85
360	1200	128FSB360XEJ	0.123	1200	35x65
360	1200	128FSB360XEJ	0.123	1200	35x65
360	1200	128FSB360XGFZ	0.123	1200	40x60
360	1200	128FSB360XFZ	0.123	1200	40x60
360	1800	188FSB360XGEM	0.1228	1800	35x70
360	1800	188FSB360XEK	0.1228	1800	35x70
360	1800	188FSB360XFJ	0.1228	1800	40x65
360	1800	188FSB360XFJ	0.1228	1800	40x65
360	2200	228FSB360XEQ	0.1005	2200	35x75
360	2200	228FSB360XGEQ	0.1005	2200	35x75
360	2200	228FSB360XGFK	0.1005	2200	40x70
360	2200	228FSB360XFK	0.1005	2200	40x70
360	2500	258FSB360XGEM	0.0884	2500	35x80
360	2500	258FSB360XEM	0.0884	2500	35x80
360	2500	258FSB360XFM	0.0884	2500	40x80
360	2500	258FSB360XGFM	0.0884	2500	40x80