

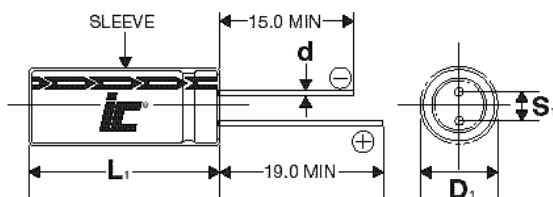
FEATURES

Reduced case size - High voltage – Low Leakage – low dissipation Factor

APPLICATIONS

Emergency lights – Signal lights Mobile - applications

Operating Temperature Range		-20°C to +55°C		
Capacitance Tolerance		-10 to+20% at 120 Hz, 25°C		
Surge Voltage	WVDC	300	310	330
	SVDC	320	335	350
Dissipation Factor 25°C, 120 Hz	tan δ	.06		
Leakage Current @25°C, Rated WVDC applied		Time	5 Minutes	
			1°C	
Charge/ Discharge		5000 flashes at rated voltage applied & 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		1000 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	5	6.3	7.2	7.8	8	8.4	8.7	8.9
d	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6
S	2	2.6	2.6	3.5	3.5	3.5	4.2	4.2

$D_1 = D \pm 0.5\text{mm MAX}$

$L_1 = L + 0.5\text{ mm}$

$S_1 = S \pm 0.5\text{ mm}$

Cap (uF)	VDC	PART #	Maximum ESR Ω 120Hz,20C	Dims DxL (mm)
10	330	106FSS330XDBF	8.842	5x18
10	330	106FSS330XEBW	8.842	6.3x16
10	300	106FSS300XDBW	8.842	5x16
10	310	106FSS310XDBS	8.842	5x17
10	310	106FSS310XEBC	8.842	6.3x14
12	300	126FSS300XEBC	7.368	6.3x15
12	330	126FSS330XEBK	7.368	6.3x19
12	300	126FSS300XDBF	7.368	5x18
12	310	126FSS310XDJG	7.368	5x20
12	310	126FSS310XEBW	7.368	6.3x16
14	310	146FSS310XY8BC	6.316	7.8x14
14	310	146FSS310XY2BW	6.316	7.2x16
14	310	146FSS310XEBF	6.316	6.3x18
14	310	146FSS310XFBA	6.316	8x13
14	300	146FSS300XY2BD	6.316	7.2x15
14	300	146FSS300XY8BA	6.316	7.8x13
14	330	146FSS330XF8BD	6.316	7.8x15
14	330	146FSS330XY2BF	6.316	7.2x18
14	330	146FSS330XEJG	6.316	6.3x20
14	300	146FSS300XEBS	6.316	6.3x17
18	310	186FSS310XFBD	4.912	8x15
18	300	186FSS300XEJG	4.912	6.3x20
18	300	186FSS300XY2BF	4.912	7.2x18
18	300	186FSS300XY8BW	4.912	7.8x16
18	310	186FSS310XY8BW	4.912	7.8x16
18	330	186FSS330XFJA	4.912	6.3x23
18	330	186FSS330XY2JG	4.912	7.2x20
18	330	186FSS330XY8BS	4.912	7.8x17
18	310	186FSS310XEJB	4.912	6.3x21
18	310	186FSS310XY2BK	4.912	7.2x19
20	330	206FSS330XFJS	4.421	6.3x27
20	330	206FSS330XY2JA	4.421	7.2x23
20	330	206FSS330XY8BK	4.421	7.8x19
22	310	226FSS310XFBS	4.019	8x17
22	310	226FSS310XF4BEW	4.019	8.4x16
22	310	226FSS310XY8BF	4.019	7.8x18
22	310	226FSS310XY2JJ	4.019	7.2x22
22	310	226FSS310XEJD	4.019	6.3x25
22	300	226FSS300XFBW	4.019	8x16
22	330	226FSS330XEAG	4.019	6.3x30

Cap (uF)	VDC	PART #	Maximum ESR Ω 120Hz,20C	Dims DxL (mm)
22	300	226FSS300XY2JG	4.019	7.2x20
22	330	226FSS330XY2JW	4.019	7.2x26
22	300	226FSS300XY8BS	4.019	7.8x17
22	330	226FSS330XF4BS	4.019	8.4x17
22	330	226FSS330XFBK	4.019	8x19
22	300	226FSS300XEJA	4.019	6.3x23
22	330	226FSS330XY8JB	4.019	7.8x21
25	310	256FSS310XY8JG	3.537	7.8x20
25	330	256FSS330XY8JC	3.537	7.8x24
25	300	256FSS300XY2JJ	3.537	7.2x22
25	330	256FSS330XEAA	3.537	6.3x34
25	310	256FSS310XY2JC	3.537	7.2x24
25	330	256FSS330XFJB	3.537	8x21
25	310	256FSS310XFBK	3.537	8x19
25	310	256FSS310XF4BF	3.537	8.4x18
25	310	256FSS310XF7BW	3.537	8.7x16
25	310	256FSS310XEJS	3.537	6.3x27
25	300	256FSS300XEJ	3.537	6.3x26
25	300	256FSS300XY8BK	3.537	7.8x19
25	330	256FSS330XY2JK	3.537	7.2x29
25	300	256FSS300XF4BS	3.537	8.4x17
25	330	256FSS330XF4BF	3.537	8.4x18
25	300	256FSS300XFBB	3.537	8x18
30	330	306FSS330XF4JB	2.947	8.4x21
30	330	306FSS330XF7BF	2.947	8.7x18
30	330	306FSS330XFJC	2.947	8x24
30	330	306FSS330XY8JW	2.947	7.8x26
30	330	306FSS330XY2A	2.947	7.2x33
30	330	306FSS330XEAA	2.947	6.3x37
30	310	306FSS310XF4JG	2.947	8.4x20
30	310	306FSS310XEBJ	2.947	6.3x32
30	310	306FSS310XY2JF	2.947	7.2x28
30	310	306FSS310XF7BW	2.947	8.7x18
30	310	306FSS310XFJB	2.947	8x21
30	300	306FSS300XF4BK	2.947	8.4x19
30	300	306FSS300XEAG	2.947	6.3x30
30	300	306FSS300XY2JW	2.947	7.2x26
30	300	306FSS300XY8JB	2.947	7.8x21
30	300	306FSS300XFJG	2.947	8x20
30	300	306FSS300XF7BS	2.947	8.7x17

Cap (uF)	VDC	PART #	Maximum ESR Ω 120Hz,20C	Dims DxL (mm)
30	310	306FSS310XY8JA	2.947	7.8x23
33	330	336FSS330XY8AD	2.679	7.8x35
33	330	336FSS330XECCG	2.679	6.3x40
33	300	336FSS300XF7BK	2.679	8.7x19
33	330	336FSS330XFA	2.679	8x32
33	300	336FSS300XF4JB	2.679	8.4x21
33	300	336FSS300XY2JF	2.679	7.2x28
33	300	336FSS300XY8JA	2.679	7.8x23
33	330	336FSS330XF4JA	2.679	8.4x23
33	310	336FSS310XY8JC	2.679	7.8x24
33	330	336FSS330XY2AF	2.679	7.2x38
33	330	336FSS330XF7JG	2.679	8.7x20
33	300	336FSS300XEAA	2.679	6.3x33
33	310	336FSS310XY2AB	2.679	7.2x31
33	310	336FSS310XEAD	2.679	6.3x35
33	310	336FSS310XFJA	2.679	8x23
33	310	336FSS310XF4JJ	2.679	8.4x22
33	310	336FSS310XF7JG	2.679	8.7x20
33	300	336FSS300XFJJ	2.679	8x22
50	310	506FSS310XF4AG	1.768	8.4x30
50	330	506FSS330XY2CD	1.768	7.2x45
50	330	506FSS330XY8AF	1.768	7.8x38
50	330	506FSS330XFAD	1.768	8x35
50	330	506FSS330XF4A	1.768	8.4x31
50	330	506FSS330XF7J	1.768	8.7x27
50	310	506FSS310XY2CG	1.768	7.2x40
50	310	506FSS310XFAB	1.768	8x31
50	300	506FSS300XF7JD	1.768	8.7x25
50	300	506FSS300XF4JK	1.768	8.4x29
50	300	506FSS300XFAG	1.768	8x30
50	300	506FSS300XY8AJ	1.768	7.8x32
50	300	506FSS300XY2AG	1.768	7.2x30
50	310	506FSS310XF8JW	1.768	8.7x26
50	310	506FSS310XY8AA	1.768	7.8x33
55	300	556FSS300XF7JS	1.608	8.7x27
55	330	556FSS330XFAK	1.608	8x39
55	330	556FSS330XF4AS	1.608	8.4x37
55	300	556FSS300XF4AB	1.608	8.4x31
55	310	556FSS310XF7JF	1.608	8.7x28
55	310	556FSS310XF4AJ	1.608	8.4x32

Cap (uF)	VDC	PART #	Maximum ESR Ω 120Hz,20C	Dims DxL (mm)
55	310	556FSS310XFAC	1.608	8x34
55	300	556FSS300XFAJ	1.608	8x32
55	330	556FSS330XF7AG	1.608	8.7x30
60	300	606FSS300XF7JK	1.474	8.7x29
60	300	606FSS300XFAD	1.474	8x35
60	300	606FSS300XF4AA	1.474	8.4x33
60	330	606FSS330XF7AC	1.474	8.7x34
60	330	606FSS330XF9AJ	1.474	8.9x32
60	330	606FSS330XFC	1.474	8x44
60	310	606FSS310XF7AG	1.474	8.7x30
60	330	606FSS330XF4CG	1.474	8.4x40
60	310	606FSS310XF4AD	1.474	8.4x35
60	310	606FSS310XFAW	1.474	8x36
70	300	706FSS300XF7AA	1.263	8.7x33
70	310	706FSS310XF4AW	1.263	8.4x36
70	300	706FSS300XFAK	1.263	8x39
70	310	706FSS310XFCB	1.263	8x41
70	300	706FSS300XF4AF	1.263	8.4x38
70	310	706FSS310XF7AC	1.263	8.7x34
70	330	706FSS330XF9AW	1.263	8.9x36
70	330	706FSS330XF7AF	1.263	8.7x38
70	330	706FSS330XF4FD	1.263	8.4x45
70	330	706FSS330XFF	1.263	8x48
75	300	756FSS300XF4CG	1.179	8.4x40
75	300	756FSS300XF7AF	1.179	8.7x38
75	300	756FSS300XFCJ	1.179	8x42
75	310	756FSS310XF7AS	1.179	8.7x37
75	310	756FSS310XF4AK	1.179	8.4x39
75	330	756FSS330XF9AF	1.179	8.9x38
75	330	756FSS330XF7FG	1.179	8.7x40
75	330	756FSS330XF4FF	1.179	8.4x48
75	310	756FSS310XFCC	1.179	8x44
80	310	806FSS310XF4CD	1.105	8.4x45
80	300	806FSS300XF7CG	1.105	8.7x40
80	310	806FSS310XF7AF	1.105	8.7x38
80	300	806FSS300XFCD	1.105	8x45
80	300	806FSS300XF4CJ	1.105	8.4x42
90	310	906FSS310XF7CG	0.982	8.7x40
90	310	906FSS310XF9AK	0.982	8.9x39