

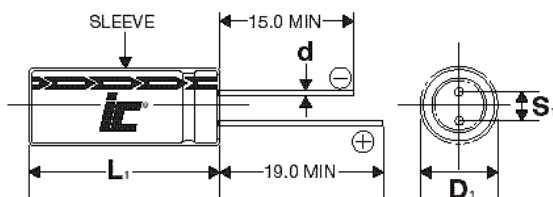
FEATURES

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

D₁ = D ± 0.5mm MAXL₁ = L + 0.5 mmS₁ = S ± 0.5 mm

FSS

+55°C, Snap in

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	LC (µA) 20°C, 5 minutes	Dims DxL (mm)
10	300	106FSS300XDBW	8.842	10	5x16
10	310	106FSS310XDBS	8.842	10	5x17
10	310	106FSS310XEBC	8.842	10	6.3x14
10	330	106FSS330XDBF	8.842	10	5x18
10	330	106FSS330XEBW	8.842	10	6.3x16
12	300	126FSS300XDBF	7.368	12	5x18
12	300	126FSS300XEBD	7.368	12	6.3x15
12	310	126FSS310XDJG	7.368	12	5x20
12	310	126FSS310XEBW	7.368	12	6.3x16
12	330	126FSS330XEBK	7.368	12	6.3x19
14	300	146FSS300XEBS	6.316	14	6.3x17
14	300	146FSS300XY2BD	6.316	14	7.2x15
14	300	146FSS300XY8BA	6.316	14	7.8x13
14	310	146FSS310XEBF	6.316	14	6.3x18
14	310	146FSS310XFBA	6.316	14	8x13
14	310	146FSS310XY2BW	6.316	14	7.2x16
14	310	146FSS310XY8BC	6.316	14	7.8x14
14	330	146FSS330XEJG	6.316	14	6.3x20
14	330	146FSS330XF8BD	6.316	14	7.8x15
14	330	146FSS330XY2BF	6.316	14	7.2x18
18	300	186FSS300XEJG	4.912	18	6.3x20
18	300	186FSS300XY2BF	4.912	18	7.2x18
18	300	186FSS300XY8BW	4.912	18	7.8x16
18	310	186FSS310XEJB	4.912	18	6.3x21
18	310	186FSS310XFBD	4.912	18	8x15
18	310	186FSS310XY2BK	4.912	18	7.2x19
18	310	186FSS310XY8BW	4.912	18	7.8x16
18	330	186FSS330XFJA	4.912	18	6.3x23
18	330	186FSS330XY2JG	4.912	18	7.2x20
18	330	186FSS330XY8BS	4.912	18	7.8x17
20	330	206FSS330XFJS	4.421	20	6.3x27
20	330	206FSS330XY2JA	4.421	20	7.2x23
20	330	206FSS330XY8BK	4.019	20	7.8x19
22	300	226FSS300XEJA	4.019	22	6.3x23
22	300	226FSS300XFBW	4.019	22	8x16
22	300	226FSS300XY2JG	4.019	22	7.2x20
22	300	226FSS300XY8BS	4.019	22	7.8x17
22	310	226FSS310XEJD	4.019	22	6.3x25
22	310	226FSS310XF4BEW	4.019	22	8.4x16
22	310	226FSS310XFBS	4.019	22	8x17
22	310	226FSS310XY2JJ	4.019	22	7.2x22
22	310	226FSS310XY8BF	4.019	22	7.8x18
22	330	226FSS330XY2JW	4.019	22	7.2x26
22	330	226FSS330XY8JB	4.019	22	7.8x21
22	330	226FSS330XEAG	4.019	22	6.3x30
22	330	226FSS330XF4BS	4.019	22	8.4x17
22	330	226FSS330XFBK	4.019	22	8x19
25	300	256FSS300XF4BS	3.537	25	8.4x17
25	300	256FSS300XFBF	3.537	25	8x18
25	300	256FSS300XY2JJ	3.537	25	7.2x22
25	300	256FSS300XEJ	3.537	25	6.3x26
25	300	256FSS300XY8BK	3.537	25	7.8x19
25	310	256FSS310XEJS	3.537	25	6.3x27
25	310	256FSS310XF4BF	3.537	25	8.4x18
25	310	256FSS310XY8JG	3.537	25	7.8x20
25	310	256FSS310XF7BW	3.537	25	8.7x16
25	310	256FSS310XFBK	3.537	25	8x19
25	310	256FSS310XY2JC	3.537	25	7.2x24

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	LC (µA) 20°C, 5 minutes	Dims DxL (mm)
25	330	256FSS330XY2JK	3.537	25	7.2x29
25	330	256FSS330XY8JC	3.537	25	7.8x24
25	330	256FSS330XF4BF	3.537	25	8.4x18
25	330	256FSS330XEAA	3.537	25	6.3x34
25	330	256FSS330XFJB	3.537	25	8x21
30	300	306FSS300XF7BS	2.947	30	8.7x17
30	300	306FSS300XFJG	2.947	30	8x20
30	300	306FSS300XY2JW	2.947	30	7.2x26
30	300	306FSS300XY8JB	2.947	30	7.8x21
30	300	306FSS300XEAG	2.947	30	6.3x30
30	300	306FSS300XF4BK	2.947	30	8.4x19
30	310	306FSS310XEJB	2.947	30	6.3x32
30	310	306FSS310XF4JG	2.947	30	8.4x20
30	310	306FSS310XY8JA	2.947	30	7.8x23
30	310	306FSS310XF7BW	2.947	30	8.7x18
30	310	306FSS310XFJB	2.947	30	8x21
30	310	306FSS310XY2JF	2.947	30	7.2x28
30	330	306FSS330XEAA	2.947	30	6.3x37
30	330	306FSS330XF4JB	2.947	30	8.4x21
30	330	306FSS330XF7BF	2.947	30	8.7x18
30	330	306FSS330XFJC	2.947	30	8x24
30	330	306FSS330XY2A	2.947	30	7.2x33
30	330	306FSS330XY8JW	2.947	30	7.8x226
33	300	336FSS300XFJJ	2.679	33	8x22
33	300	336FSS300XY2JF	2.679	33	7.2x28
33	300	336FSS300XY8JA	2.679	33	7.8x23
33	300	336FSS300XEAA	2.679	33	6.3x33
33	300	336FSS300XF4JB	2.679	33	8.4x21
33	300	336FSS300XF7BK	2.679	33	8.7x19
33	310	336FSS310XEAD	2.679	33	6.3x35
33	310	336FSS310XF4JJ	2.679	33	8.4x22
33	310	336FSS310XF7JG	2.679	33	8.7x20
33	310	336FSS310XFJA	2.679	33	8x23
33	310	336FSS310XY2AB	2.679	33	7.2x31
33	310	336FSS310XY8JC	2.679	33	7.8x24
33	330	336FSS330XF4A	2.679	33	8x32
33	330	336FSS330XY2AF	2.679	33	7.2x38
33	330	336FSS330XY8AD	2.679	33	7.8x35
33	330	336FSS330XECG	2.679	33	6.3x40
33	330	336FSS330XF4JA	2.679	33	8.4x23
33	330	336FSS330XF7JG	2.679	33	8.7x20
50	300	506FSS300XF4JK	1.768	50	8.4x35
50	300	506FSS300XF7JD	1.768	50	8.7x25
50	300	506FSS300XFAG	1.768	50	8x30
50	300	506FSS300XY2AG	1.768	50	7.2x30
50	300	506FSS300XY8AJ	1.768	50	7.8x32
50	310	506FSS310XF4AG	1.768	50	8.4x30
50	310	506FSS310XY8AA	1.768	50	7.8x33
50	310	506FSS310XF8JW	1.768	50	8.7x26
50	310	506FSS310XFAB	1.768	50	8x31
50	310	506FSS310XY2CG	1.768	50	7.2x40
50	330	506FSS330XFAD	1.768	50	8x35
50	330	506FSS330XY2CD	1.768	50	7.2x45
50	330	506FSS330XY8AF	1.768	50	7.8x38
50	330	506FSS330XF4A	1.768	50	8.4x31
50	330	506FSS330XF7J	1.768	50	8.7x27
55	300	556FSS300XF4AB	1.608	55	8.4x31
55	300	556FSS300XF7JS	1.608	55	8.7x27

FSS

+55°C, Snap in

Capacitance (μF)	WVDC	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	LC (μA) 20°C, 5 minutes	Dims DxL (mm)
55	300	556FSS300XF4J	1.608	55	8x32
55	310	556FSS310XF4AJ	1.608	55	8.4x32
55	310	556FSS310XF7JF	1.608	55	8.7x28
55	310	556FSS310XF4AC	1.608	55	8x34
55	330	556FSS330XF4AS	1.608	55	8.4x37
55	330	556FSS330XF7AG	1.608	55	8.7x30
55	330	556FSS330XF4AK	1.608	55	8x39
60	300	606FSS300XF4AA	1.474	60	8.4x33
60	300	606FSS300XF7JK	1.474	60	8.7x29
60	300	606FSS300XF4AD	1.474	60	8x35
60	310	606FSS310XF4AD	1.474	60	8.4x35
60	310	606FSS310XF7AG	1.474	60	8.7x30
60	310	606FSS310XF4AF	1.474	60	8x36
60	330	606FSS330XF4C	1.474	60	8x44
60	330	606FSS330XF4CG	1.474	60	8.4x40
60	330	606FSS330XF7AC	1.474	60	8.7x34
60	330	606FSS330XF9AJ	1.474	60	8.9x32
70	300	706FSS300XF4AK	1.263	70	8x39
70	300	706FSS300XF4AF	1.263	70	8.4x38
70	300	706FSS300XF7AA	1.263	70	8.7x33
70	310	706FSS310XF4CB	1.263	70	8x41
70	310	706FSS310XF4AW	1.263	70	8.4x36

Capacitance (μF)	WVDC	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	LC (μA) 20°C, 5 minutes	Dims DxL (mm)
70	310	706FSS310XF7AC	1.263	70	8.7x34
70	330	706FSS330XF9AW	1.263	70	8.9x36
70	330	706FSS330XF7FF	1.263	70	8x48
70	330	706FSS330XF4FD	1.263	70	8.4x45
70	330	706FSS330XF7AF	1.263	70	8.7x38
75	300	756FSS300XF7AF	1.179	75	8.7x38
75	300	756FSS300XF4CJ	1.179	75	8x42
75	300	756FSS300XF4CG	1.179	75	8.4x40
75	310	756FSS310XF7AS	1.179	75	8.7x37
75	310	756FSS310XF4CC	1.179	75	8x44
75	310	756FSS310XF4AK	1.179	75	8.4x39
75	330	756FSS330XF7FG	1.179	75	8.7x40
75	330	756FSS330XF9AF	1.179	75	8.9x38
75	330	756FSS330XF4FF	1.179	75	8.4x48
80	300	806FSS300XF4CJ	1.105	80	8.4x42
80	300	806FSS300XF7CG	1.105	80	8.7x40
80	300	806FSS300XF4CD	1.105	80	8x45
80	310	806FSS310XF4CD	1.105	80	8.4x45
80	310	806FSS310XF7AF	1.105	80	8.7x38
90	310	906FSS310XF7CG	0.982	90	8.7x40
90	310	906FSS310XF9AK	0.982	90	8.9x39