



Photoflash Aluminum Electrolytic Capacitors

+ 55°C Radial Lead

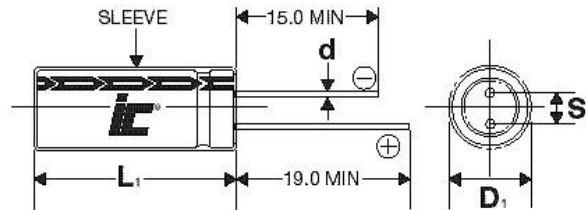
FEATURES

Reduced Case Size - High Voltage - Low Leakage - Low Dissipation Factor - JIS 2365 Compliant

APPLICATIONS

Emergency lights - Signal lights

Operating Temperature Range		-20°C to +55°C			
Capacitance Tolerance		-10 to +20% at 120 Hz, 25°C			
Surge voltage	WVDC	300	310	330	360
	SVDC	320	335	350	390
Dissipation Factor 120 Hz, 25°C	tan δ	0.06			
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 of 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 55°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	9.2	9.5	10	10.3	10.6	11	12	12.5	13	13.5	14	14.5	16	18	20
d	0.6	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
S	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5

$$D_1 = D + 0.3 \text{ mm}$$

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

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

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FSR

+55°C, Photoflash, Radial Lead

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	LC (µA) 20°C, 5 minutes	Dims DxL (mm)
300	30	306FSR300XZ2BW	2.947	30	9.2x16
300	47	476FSR300XGBK	1.881	47	10x19
300	47	476FSR300XZ2JJ	1.881	47	9.2x22
300	50	506FSR300XBBS	1.768	50	11x17
300	50	506FSR300XGJG	1.768	50	10x20
300	50	506FSR300XZ2JA	1.768	50	9.2x23
300	55	556FSR300XBBF	1.608	55	11x18
300	55	556FSR300XGJB	1.608	55	10x21
300	55	556FSR300XHBC	1.608	55	12x14
300	55	556FSR300XZ2JD	1.608	55	9.2x25
300	60	606FSR300XBBK	1.474	60	11x19
300	60	606FSR300XGJA	1.474	60	10x23
300	60	606FSR300XHBD	1.474	60	12x15
300	60	606FSR300XZ2JS	1.474	60	9.2x27
300	70	706FSR300XBJB	1.263	70	11x21
300	70	706FSR300XGJD	1.263	70	10x25
300	70	706FSR300XHBS	1.263	70	12x17
300	70	706FSR300XTBW	1.263	70	12.5x16
300	70	706FSR300XZ2AG	1.263	70	9.2x30
300	80	806FSR300XBJJ	1.105	80	11x22
300	80	806FSR300XGJF	1.105	80	10x28
300	80	806FSR300XHBF	1.105	80	12x18
300	80	806FSR300XTBS	1.105	80	12.5x17
300	80	806FSR300XZ2AC	1.105	80	9.2x34
300	100	107FSR300XTJG	0.884	100	12.5x20
300	100	107FSR300XBJF	0.884	100	11x28
300	100	107FSR300XGAC	0.884	100	10x34
300	100	107FSR300XHJJ	0.884	100	12x22
300	100	107FSR300XZ2CB	0.884	100	9.2x41
300	110	117FSR300XBAG	0.804	110	11x30
300	110	117FSR300XGAS	0.804	110	10x37
300	110	117FSR300XHJA	0.804	110	12x23
300	110	117FSR300XJJB	0.804	110	13x21
300	110	117FSR300XTJJ	0.804	110	12.5x22
300	120	127FSR300XBAJ	0.737	120	11x32
300	120	127FSR300XGCG	0.737	120	10x40
300	120	127FSR300XHJD	0.737	120	12x25
300	120	127FSR300XJJA	0.737	120	13x23
300	120	127FSR300XTJC	0.737	120	12.5x24
310	100	107FSR310XBJF	0.884	100	11x28
310	100	107FSR310XGAD	0.884	100	10x35
310	100	107FSR310XHJJ	0.884	100	12x22
310	100	107FSR310XZ2CA	0.884	100	9.2x43
310	100	107FSR310XTJB	0.884	100	12.5x21
310	110	117FSR310XBAB	0.804	110	11x31
310	110	117FSR310XGAF	0.804	110	10x38
310	110	117FSR310XHJC	0.804	110	12x24
310	110	117FSR310XJJJ	0.804	110	13x22
310	110	117FSR310XZ2CW	0.804	110	9.2x46
310	110	117FSR310XTJA	0.804	110	12.5x23
310	120	127FSR310XBAA	0.737	120	11x33
310	120	127FSR310XGCG	0.737	120	10x40
310	120	127FSR310XHJD	0.737	120	12x25
310	120	127FSR310XJJA	0.737	120	13x23
310	120	127FSR310XTJC	0.737	120	12.5x24
310	140	147FSR310XBAF	0.632	140	11x38
310	140	147FSR310XGCW	0.632	140	10x46
310	140	147FSR310XHAG	0.632	140	12x30

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	LC (µA) 20°C, 5 minutes	Dims DxL (mm)
310	140	147FSR310XJJS	0.632	140	13x27
310	140	147FSR310XTJF	0.632	140	12.5x28
310	160	167FSR310XBCJ	0.553	160	11x42
310	160	167FSR310XHAD	0.553	160	12x35
310	160	167FSR310XJAJ	0.553	160	13x32
310	160	167FSR310XPAG	0.553	160	13.5x30
310	160	167FSR310XRJD	0.553	160	14.5x25
310	160	167FSR310XTAD	0.553	160	12.5x35
310	180	187FSR310XBCS	0.491	180	11x47
310	180	187FSR310XHCJ	0.491	180	12x42
310	180	187FSR310XJCG	0.491	180	13x40
310	180	187FSR310XKAJ	0.491	180	16x32
310	180	187FSR310XLAG	0.491	180	18x30
310	180	187FSR310XPCG	0.491	180	13.5x40
310	180	187FSR310XRAD	0.491	180	14.5x35
310	180	187FSR310XTCJ	0.491	180	12.5x42
330	30	306FSR330Z2BF	2.947	30	9.2x18
330	47	476FSR330XGJB	1.881	47	10x21
330	47	476FSR330XZ2JC	1.881	47	9.2x24
330	50	506FSR330XGJJ	1.768	50	10x22
330	50	506FSR330XZ2JD	1.768	50	9.2x25
330	55	556FSR330XGJA	1.608	55	10x23
330	55	556FSR330XZ2JS	1.608	55	9.2x27
330	60	606FSR330XZ2AG	1.474	60	9.2x30
330	60	606FSR330XBJG	1.474	60	11x20
330	60	606FSR330XGJD	1.474	60	10x25
330	70	706FSR330XBJA	1.263	70	11x23
330	70	706FSR330XGJS	1.263	70	10x27
330	70	706FSR330XHBF	1.263	70	12x18
330	70	706FSR330XZ2AA	1.263	70	9.2x33
330	80	806FSR330XBJD	1.105	80	11x25
330	80	806FSR330XGAG	1.105	80	10x30
330	80	806FSR330XHJJ	1.105	80	12x22
330	80	806FSR330XTJG	1.105	80	12.5x20
330	80	806FSR330XZ2AS	1.105	80	9.2x37
330	100	107FSR330XPJW	0.884	100	13.5x26
330	100	107FSR330XGAS	0.884	100	10x37
330	100	107FSR330XHJC	0.884	100	12x24
330	100	107FSR330XTJW	0.884	100	12.5x26
330	100	107FSR330XBAG	0.884	100	11x30
330	110	117FSR330XBAJ	0.804	110	11x32
330	110	117FSR330XGCG	0.804	110	10x40
330	110	117FSR330XHJW	0.804	110	12x26
330	110	117FSR330XJJD	0.804	110	13x25
330	110	117FSR330XPJJ	0.804	110	13.5x22
330	110	117FSR330XTJD	0.804	110	12.5x25
330	120	127FSR330XBAD	0.737	120	11x35
330	120	127FSR330XGCA	0.737	120	10x43
330	120	127FSR330XHAG	0.737	120	12x30
330	120	127FSR330XJWW	0.737	120	13x26
330	120	127FSR330XPJD	0.737	120	13.5x25
330	120	127FSR330XTJW	0.737	120	12.5x26
330	140	147FSR330XBAK1	0.632	140	11x39
330	140	47FSR330XHAI	0.632	140	12x32
330	140	147FSR330XJFF	0.632	140	13x28
330	140	147FSR330XPAG	0.632	140	13.5x30
330	140	147FSR330XTAD	0.632	140	12.5x35
330	140	147FSR330XZBG	0.632	140	11x47

FSR

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WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	LC (µA) 20°C, 5 minutes	Dims DxL (mm)
330	160	167FSR330XBCF	0.553	160	11x48
330	160	167FSR330XHCG	0.553	160	12x40
330	160	167FSR330XKJC	0.553	160	16x24
330	160	167FSR330XPAG	0.553	160	13.5x30
330	160	167FSR330XRJW	0.553	160	14.5x26
330	160	167FSR330XTAD	0.553	160	12.5x35
330	180	187FSR330XBDG	0.491	180	11x50
330	180	187FSR330XHCF	0.491	180	12x48
330	180	187FSR330XJCD	0.491	180	13x45
330	180	187FSR330XKAD	0.491	180	16x35
330	180	187FSR330XPCJ	0.491	180	13.5x42
330	180	187FSR330XRAD	0.491	180	14.5x35
330	180	187FSR330XTCD	0.491	180	12.5x45
360	50	506FSR360XGJW	1.768	50	10x26
360	50	506FSR360XZ2AB	1.768	50	9.2x31
360	60	606FSR360XBJC	1.474	60	11x24
360	60	606FSR360XGAG	1.474	60	10x30
360	60	606FSR360XZ2AW	1.474	60	9.2x36
360	80	806FSR360XBAG	1.105	80	11x30
360	80	806FSR360XGAC	1.105	80	10x34
360	80	806FSR360XHJF	1.105	80	12x28
360	100	107FSR360XBAW	0.884	100	11x36
360	100	107FSR360XGCD	0.884	100	10x45
360	100	107FSR360XHAG	0.884	100	12x30
360	100	107FSR360XTJF	0.884	100	12.5x28
360	120	127FSR360XBCA	0.737	120	11x43
360	120	127FSR360XHAD	0.737	120	12x35
360	120	127FSR360XTAJ	0.737	120	12.5x32
360	140	147FSR360XBDG	0.632	140	11x50
360	140	147FSR360XHCD	0.632	140	12x45
360	140	147FSR360XJCJ	0.632	140	13x42

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	LC (µA) 20°C, 5 minutes	Dims DxL (mm)
360	140	147FSR360XPCG	0.632	140	13.5x40
360	140	147FSR360XRAD	0.632	140	14.5x35
360	140	147FSR360XTCG	0.632	140	12.5x40
360	160	167FSR360XHCJ	0.553	160	12x42
360	160	167FSR360XJCG	0.553	160	13x40
360	160	167FSR360XPAF	0.553	160	13.5x38
360	160	167FSR360XRAD	0.553	160	14.5x35
360	160	167FSR360XTAK	0.553	160	12.5x39
360	180	187FSR360XHCD	0.491	180	12x45
360	180	187FSR360XJCJ	0.491	180	13x42
360	180	187FSR360XPCG	0.491	180	13.5x40
360	180	187FSR360XRAD	0.491	180	14.5x35
360	180	187FSR360XTCC	0.491	180	12.5x44
360	200	207FSR360XJDG	0.442	200	13x50
360	200	207FSR360XKCG	0.442	200	16x40
360	200	207FSR360XPCD	0.442	200	13.5x45
360	200	207FSR360XRCCG	0.442	200	14.5x40
360	200	207FSR360XTCF	0.442	200	12.5x48
360	220	227FSR360XKCC	0.402	220	16x42
360	220	227FSR360XRCD	0.402	220	14.5x45
360	220	227FSR360XJDJ	0.402	220	13x52
360	250	257FSR360XKCD	0.3981	250	16x45
360	250	257FSR360XLAD	0.3981	250	18x35
360	250	257FSR360XRCCF	0.3981	250	14.5x48
360	270	277FSR360XKCW	0.327	270	16x46
360	270	277FSR360XLAK	0.327	270	18x39
360	270	277FSR360XRDG	0.327	270	14x50
360	270	277FSR360XRCCF	0.327	270	14.5x48
360	300	307FSR360XKCF	0.29473	300	16x48
360	300	307FSR360XLCA	0.29473	300	18x43
360	300	307FSR360XMAJ	0.29473	300	20x32