



Aluminum Electrolytic Capacitors

+85°C 5mm Height, Low Profile, Radial Lead

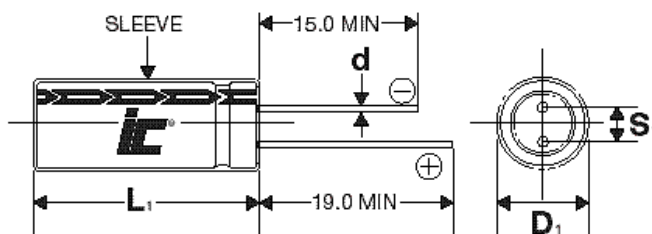
FEATURES

5mm Height - Lead Free Leads

APPLICATIONS

Filtering - Bypass - Coupling - Blocking

Operating Temperature Range		-40°C to +85°C									
Capacitance Tolerance		+20% at 120 Hz, 20°C									
Surge voltage	WVDC	4	6.3	10	16	25	35	50			
	SVDC	5.2	7.9	13	20	32	44	63			
Dissipation Factor	WVDC	4	6.3	10	16	25	35	50			
	tan δ	.35	.35	.24	.2	.16	.12	.1			
Leakage current		2 Minutes									
		.01CV or 3uA,Whichever is greater									
Low temperature stability Impedance ratio (120 Hz)	Rated WVDC	4	6.3	10	16	25	35	50			
	-25°C to +20°C	7	4	3	2	2	2	2			
	-40°C to +20°C	15	8	6	4	4	3	3			
Load Life		1000 hours at 85°C with rated WVDC applied									
		Capacitance change	<20% of initial measured value								
		Dissipation factor	<200% of maximum specified value								
		Leakage current	<100% of maximum specified value								
Shelf Life		1000 hours at 85°C with no voltage applied									
		Capacitance change	<20% of initial measured value								
		Dissipation factor	<200% of maximum specified value								
		Leakage current	≤100% of maximum specified value								
Ripple Current Multipliers		Frequency (Hz)						Temperature (°C)			
		50	120	400	1k	10k	100k	85	70	60	30
		0.8	1.0	1.3	1.45	1.65	1.7	1.0	1.3	1.5	1.8



D+0.5	4	5	6.3	8
S	1.5	2	2.5	3.5
d	.45	.45	.45	.5

L₁=L+1mm
S₁=S+0.5mm

SVF

**+85°C, 5mm Height Low
Profile Radial Lead Aluminum
Electrolytic Capacitors**

WVDC	Capacitance (μ F)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 Hz, +85°C	Dims D $\times$ L (mm)
4	47	476SVF004M	12.346	33	4 $\times$ 5
4	68	686SVF004M	8.533	47	5 $\times$ 5
4	220	227SVF004M	2.638	96	6.3 $\times$ 5
6.3	330	337SVF6R3M	1.206	145	8 $\times$ 5
10	22	226SVF010M	15.072	36	4 $\times$ 5
10	33	336SVF010M	10.048	41	4 $\times$ 5
10	47	476SVF010M	7.055	52	5 $\times$ 5
10	220	227SVF010M	1.507	135	8 $\times$ 5
16	33	336SVF016M	8.038	49	5 $\times$ 5
16	68	686SVF016M	3.901	80	6.3 $\times$ 5
16	100	107SVF016M	2.653	80	6.3 $\times$ 5
25	6.8	685SVF025M	34.13	21	4 $\times$ 5
25	10	106SVF025M	23.21	25	4 $\times$ 5
25	15	156SVF025M	15.473	35	5 $\times$ 5
25	22	226SVF025M	10.55	37	5 $\times$ 5
25	47	476SVF025M	4.938	70	6.3 $\times$ 5
25	68	686SVF025M	3.413	100	8 $\times$ 5
25	100	107SVF025M	2.321	110	8 $\times$ 5
35	6.8	685SVF035M	29.256	26	5 $\times$ 5

WVDC	Capacitance (μ F)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 Hz, +85°C	Dims D $\times$ L (mm)
35	10	106SVF035M	19.894	29	5 $\times$ 5
35	33	336SVF035M	6.029	62	6.3 $\times$ 5
35	47	476SVF035M	4.233	80	8 $\times$ 5
50	0.1	104SVF050M	1989.4	1.5	4 $\times$ 5
50	0.15	154SVF050M	1326.29	4	4 $\times$ 5
50	0.22	224SVF050M	904.289	2.6	4 $\times$ 5
50	0.33	334SVF050M	602.86	3.2	4 $\times$ 5
50	0.47	474SVF050M	423.284	4	4 $\times$ 5
50	1	105SVF050M	198.94	8	4 $\times$ 5
50	2.2	225SVF050M	90.429	13	4 $\times$ 5
50	3.3	335SVF050M	60.286	17	4 $\times$ 5
50	4.7	475SVF050M	42.328	20	4 $\times$ 5
50	6.8	685SVF050M	29.259	4	6.3 $\times$ 5
50	10	106SVF050M	19.894	33	6.3 $\times$ 5
50	15	156SVF050M	13.263	48	6.3 $\times$ 5
50	22	226SVF050M	9.043	40	6.3 $\times$ 5
50	22	226SVF050MD8	9.043	52	8 $\times$ 5
50	33	336SVF050M	6.029	71	8 $\times$ 5