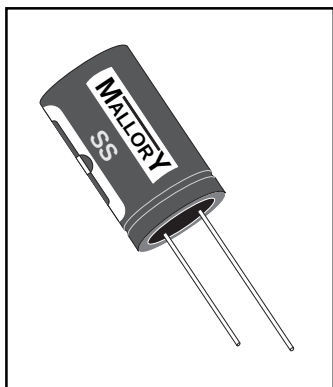


Type SS Radial Leaded Capacitors

MALLORY



- 85°C - Sub-Miniature
- Radial Leads
- 4, 5 and 6.3mm Diameters
7mm Height
- Ideal For High Density Electronic Equipment, Such as Pocket Calculators, Lap-Top Computers, Car Stereos, Mini Tape Recorders and Where Space is Limited.

GENERAL SPECIFICATIONS

Operating Temperature:
-40°C to +85°C

Voltage Range:
6.3 WVDC to 63 WVDC

Capacitance Range:
0.1 μ F to 100 μ F

Capacitance Tolerance:
 $\pm 20\%$

DC Leakage Current:
I = .01CV or 3 μ A
whichever is greater after
2 minutes

C = Capacitance in μ F
V = Rated Voltage
I = Leakage Current in μ A

QA Stability Test:
Apply WVDC for 1,000 hrs
at 85°C

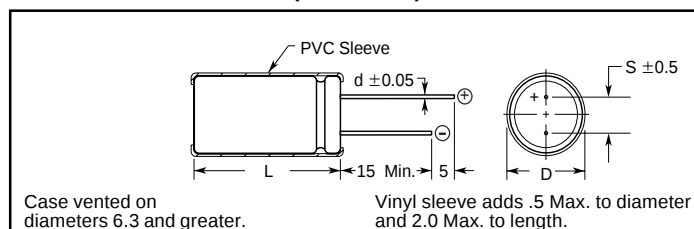
- Capacitance Change:
20% of initial limits
- DC leakage current meets
initial limits
- ESR $\leq 200\%$ of initial value

Shelf Life:
500 hrs - no voltage applied

- Capacitance Change:
20% from initial limits
- DC leakage $\leq 200\%$ of initial
value
- ESR $\leq 200\%$ of initial value

SS parts are available taped in Ammo pack and taped and reeled. See page 124 for details.

Outline Dimensions (Millimeters)



The maximum ripple current at 85°C and 120 Hz for SS capacitors is shown in the Standard Rating Table. Maximum ripple current may be adjusted by the multipliers in the following tables.

Rated WVDC	Ripple Multipliers			Ambient Temperature	Ripple Multiplier
	60Hz	120Hz	1kHz		
6 to 25	.85	1.0	1.10	+85°C	1.00
35 to 63	.80	1.0	1.15	+75°C	1.14
				+65°C	1.25

Cap μF	Max ESR Ohms 120Hz 25°C	Max Ripple mA 120Hz 85°C	Max LC μA 2 Minutes	Size (Millimeters)				New Catalog Number	Previous Catalog Number
				D Diameter	L Length	S Lead Space	d		
6.3 WVDC; 8 VDC Surge									
22	14.48	34	3.0	4	7	1.5	0.45	SS220M6R3ST	SSR101M0JE07V
33	9.65	42	3.0	5	7	2	0.45	SS330M6R3ST	
47	6.78	50	3.0	5	7	2	0.45	SS470M6R3ST	
100	3.18	77	6.3	6	7	2.5	0.45	SS101M6R3ST	
10 WVDC; 13 VDC Surge									
22	12.06	38	3.0	5	7	2	0.45	SS220M010ST	SSR220M1AC07
33	8.04	47	3.3	5	7	2	0.45	SS330M010ST	SSR330M1AC07
47	5.65	59	4.7	6	7	2.5	0.45	SS470M010ST	SSR470M1AD07
100	2.65	80	10.0	6	7	2.5	0.45	SS101M010ST	SSR101M1AE07V
16 WVDC; 20 VDC Surge									
10	22.56	29	3.0	4	7	1.5	0.45	SS100M016ST	SSR100M1CC07
22	10.25	44	3.5	5	7	2	0.45	SS220M016ST	SSR220M1CC07
33	6.84	57	5.3	5	7	2	0.45	SS330M016ST	SSR330M1CD07
47	4.80	68	7.5	6	7	2.5	0.45	SS470M016ST	SSR470M1CE07V
25 WVDC; 32 VDC Surge									
4.7	42.35	24	3.0	4	7	1.5	0.45	SS4R7M025ST	SSR100M1EC07 SSR220M1ED07 SSR330M1EE07V
10	19.90	33	3.0	5	7	2	0.45	SS100M025ST	
22	9.05	51	5.5	6	7	2.5	0.45	SS220M025ST	
33	6.03	63	8.3	6	7	2.5	0.45	SS330M025ST	
47	4.23	71	11.8	6	7	2.5	0.45	SS470M025ST	

Type SS Radial Leaded Capacitors

MALLORY

Cap μF	Max ESR Ohms 120Hz 25°C	Max Ripple mA 120Hz 85°C	Max LC μA 2 Minutes	Size (Millimeters)				New Catalog Number	Previous Catalog Number
				D Diameter	L Length	S Lead Space	d		
35 WVDC; 44 VDC Surge									
4.7	33.88	24	3.0	4	7	1.5	0.45	SS4R7M035ST	SSR100M1VD07 SSR220M1VE07V
10	15.92	36	3.5	5	7	2	0.45	SS100M035ST	
22	7.24	57	7.7	6	7	2.5	0.45	SS220M035ST	
50 WVDC; 63 VDC Surge									
0.1	1326.96	1	3.0	4	7	1.5	0.45	SSR10M050ST	SSR0R1M1HC07
0.22	603.17	2	3.0	4	7	1.5	0.45	SSR22M050ST	SSRR22M1HC07
0.33	402.11	3	3.0	4	7	1.5	0.45	SSR33M050ST	SSRR33M1HC07
0.47	282.33	5	3.0	4	7	1.5	0.45	SSR47M050ST	SSRR47M1HC07
1	132.70	10	3.0	4	7	1.5	0.45	SS010M050ST	SSR010M1HC07
2.2	60.32	19	3.0	4	7	1.5	0.45	SS2R2M050ST	SSR2R2M1HC07
3.3	40.21	24	3.0	4	7	1.5	0.45	SS3R3M050ST	SSR3R3M1HC07
4.7	28.23	29	3.0	5	7	2	0.45	SS4R7M050ST	SSR4R7M1HC07
10	13.27	44	5.0	6	7	2.5	0.45	SS100M050ST	SSR100M1HE07V
63 WVDC; 79 VDC Surge									
0.1	1061.57	1	3.0	4	7	1.5	0.45	SSR10M063ST	SSR0R1M1JC07
0.22	482.53	2	3.0	4	7	1.5	0.45	SSR22M063ST	SSRR22M1JC07
0.33	321.69	4	3.0	4	7	1.5	0.45	SSR33M063ST	SSRR33M1JC07
0.47	225.87	6	3.0	4	7	1.5	0.45	SSR47M063ST	SSRR47M1JC07
1	106.16	13	3.0	4	7	1.5	0.45	SS010M063ST	SSR010M1JC07
2.2	48.25	21	3.0	4	7	1.5	0.45	SS2R2M063ST	SSR2R2M1JC07
3.3	32.17	26	3.0	4	7	1.5	0.45	SS3R3M063ST	SSR3R3M1JD07
4.7	22.59	33	3.0	6	7	2.5	0.45	SS4R7M063ST	SSR4R7M1JE07V

Aluminum Capacitors