

Type SSR Radial Leaded Capacitors

JAMICON 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 Stereo,
Mini Tape Recorders and Where
Space is Limited.

SSR parts are available taped in Ammo pack.
See page 92 for details.

GENERAL SPECIFICATIONS

Operating Temperature:
-40°C to +85°C

Voltage Range:
10 WVDC to 63 WVDC

Capacitance Range:
0.1 μ F to 100 μ F

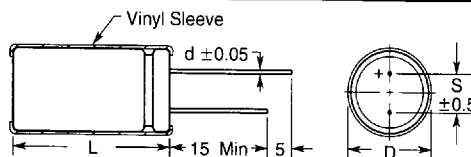
Capacitance Tolerance:
 $\pm 20\%$

DC Leakage Current:
 $I = .01CV$ or $3\mu A$
whichever is greater after 2 minutes
C = Capacitance in μ F
V = Rated Voltage
I = Leakage Current in μA

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

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

Outline Dimensions (Millimeters)



Case vented on
diameters 6.3 and greater.

Vinyl sleeve adds .5 Max. to diameter
and 2.0 Max. to length.

Cap μF	Max ESR Ohms 120Hz 25°C	Max Ripple mA 120Hz 85°C	Size (Millimeters)				Catalog Number
			D Diameter	L Length	S Lead Space	d	
10 WVDC; 13 VDC Surge							
22	12.06	36	4	7	1.5	.45	SSR220M1AC07
33	8.04	44	4	7	1.5	.45	SSR330M1AC07
47	5.64	60	5	7	2.0	.45	SSR470M1AD07
100	2.65	100	6.3	7	2.5	.45	SSR101M1AE07V
16 WVDC; 20 VDC Surge							
10	22.54	26	4	7	1.5	.45	SSR100M1CC07
22	10.25	39	4	7	1.5	.45	SSR220M1CC07
33	6.83	55	5	7	2.0	.45	SSR330M1CD07
47	4.80	75	6.3	7	2.5	.45	SSR470M1CE07V
100	2.25	110	6.3	7	2.5	.45	SSR101M1CE07V
25 WVDC; 32 VDC Surge							
10	19.89	28	4	7	1.5	.45	SSR100M1EC07
22	9.04	47	5	7	2.0	.45	SSR220M1ED07
33	6.03	65	6.3	7	2.5	.45	SSR330M1EE07V
35 WVDC; 44 VDC Surge							
10	15.91	36	5	7	2.0	.45	SSR100M1VD07
22	7.23	60	6.3	7	2.5	.45	SSR220M1VE07V

Cap μ F	Max ESR Ohms 120Hz 25°C	Max Ripple mA 120Hz 85°C	Size (Millimeters)				Catalog Number
			D Diameter	L Length	S Lead Space	d	
50 WVDC; 63 VDC Surge							
0.1	1326.12	3	4	7	1.5	.45	SSR0R1M1HC07
0.22	602.78	5	4	7	1.5	.45	SSRR22M1HC07
0.33	401.85	6	4	7	1.5	.45	SSRR33M1HC07
0.47	282.15	7	4	7	1.5	.45	SSRR47M1HC07
1.0	132.61	11	4	7	1.5	.45	SSR010M1HC07
2.2	60.28	16	4	7	1.5	.45	SSR2R2M1HC07
3.3	40.19	20	4	7	1.5	.45	SSR3R3M1HC07
4.7	28.22	27	4	7	1.5	.45	SSR4R7M1HC07
10	13.26	45	6.3	7	2.5	.45	SSR100M1HE07V
63 WVDC; 79 VDC Surge							
0.1	1326.12	3	4	7	1.5	.45	SSR0R1M1JC07
0.22	602.78	5	4	7	1.5	.45	SSRR22M1JC07
0.33	401.85	6	4	7	1.5	.45	SSRR33M1JC07
0.47	282.15	7	4	7	1.5	.45	SSRR47M1JC07
1.0	132.61	11	4	7	1.5	.45	SSR010M1JC07
2.2	60.28	16	4	7	1.5	.45	SSR2R2M1JC07
3.3	40.19	22	5	7	2.0	.45	SSR3R3M1JD07
4.7	28.22	31	6.3	7	2.5	.45	SSR4R7M1JE07V

Aluminum Capacitors

鋁質電解電容器

ALUMINUM ELECTROLYTIC CAPACITOR

NORTH AMERICAN CAPACITOR CODE 66E D ■ 6647497 0004150 29T ■ NACC

A 05.11.01

SS SERIES

小形品 MINIATURE SIZE

- 成品之本體縮短至 7 %，適合供應小形化之電子產品。
- 適用於高密度之電子設備，例如：OA 機器、電子計算機、汽車音響，小型卡式錄放音機等等。
- Developed short body length to 7 %, for the demand of smaller and thinner electronic equipment.
- Most suitable for high-density electronic equipment, such as: automatic office machines, pocket calculators, car stereos and micro-cassette tape recorders, etc.

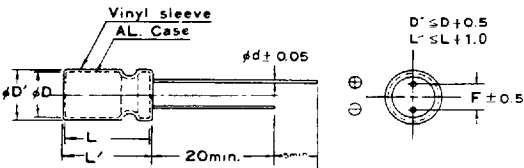


SPECIFICATION

Item	Characteristic								
使用溫度範圍 Operation Temperature Range	-40~+85℃								
額定電壓 Rated Working Voltage	6.3~63VDC								
靜電容量容許差 Capacitance Tolerance	(120Hz 25℃)	±20%(M)							
漏洩電流 Leakage Current	(25℃)	I ≤ 0.01CV or 3(μA) Whichever is greater after 2 minutes						I :Leakage Current (uA) C:Rated capacitance (uF) V:Working Voltage (V)	
湧浪電壓 Surge Voltage	(25℃)	W.V.	6.3	10	16	25	35	50	63
		S.V.	8	13	20	32	44	63	79
散逸因素 Dissipation Factor	(120Hz 25℃) (tan δ)	W.V.	6.3	10	16	25	35	50	63
		tan δ	0.24	0.20	0.17	0.15	0.12	0.10	0.10
高溫負荷特性 Load Life	After 1000 hours application of W.V. at+85℃ the capacitor shall meet the following limits.								
	Capacitance Change			≤ ±20% of initial value					
	Dissipation Factor			≤ 200% of initial specified value					
	Leakage Current			≤ initial specified value					

CASE SIZE OF RADIAL TYPE

D	4	5	6.3
F	1.5	2.0	2.5
d	0.45		



CASE SIZE & MAX RIPPLE CURRENT

[SSR]

Case size : D×L (mm)
Max ripple current : mA (rms)
(R.C.) 85°C 120HZ

μF	WV	6.3		10		16		25		35		50		63	
	ITEM	D×L	R.C.	D×L	R.C.	D×L	R.C.	D×L	R.C.	D×L	R.C.	D×L	R.C.	D×L	R.C.
0.1										→		4×7	3	4×7	3
0.22										→		4×7	5	4×7	5
0.33		註：空格部份膠管所標示的電壓以→右方一格表示									→	4×7	6	4×7	6
0.47		All blank voltage on sleeve marking									→	4×7	7	4×7	7
1.0		Is same voltage as "→" point to.									→	4×7	11	4×7	11
2.2										→		4×7	16	4×7	16
3.3										→		4×7	20	5×7	22
4.7										→		4×7	27	6.3×7	31
10			→		→	4×7	26	4×7	28	5×7	36	6.3×7	45		
22			→	4×7	36	4×7	39	5×7	47	6.3×7	60				
33			→	4×7	44	5×7	55	6.3×7	65						
47			→	5×7	60	6.3×7	75								
100			→	6.3×7	100	6.3×7	110								