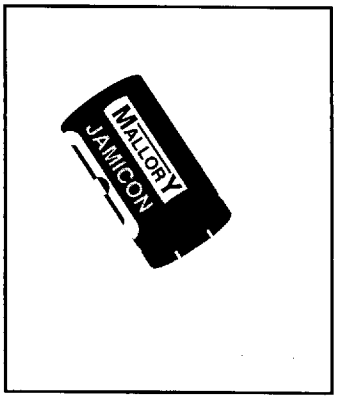
Type SKR
Radial Leaded Capacitors

JAMICON MALLORY



- 85°C General Purpose
- Radial Leads Miniature Size
- High CV per Case Size
- 2000 Hour Load Life Data for Longer Life
- Suitable for Consumer Electronic Products, Such as Stereo Radio, TV. etc.

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

GENERAL SPECIFICATIONS

Operating Temperature:
-40°C to +85°C

Voltage Range:
6.3 WVDC to 450 WVDC

Capacitance Range:
0.47 μF to 15,000 μF

Capacitance Tolerance:
±20%

DC Leakage Current:
6.3 - 100VDC
I = ≤ .03CV or 4μA whichever is greater after 3 minutes
Over 100VDC
I = ≤ .03CV +40μA Max
C = Capacitance in μF
V = Rated Voltage
I = Leakage Current in μA

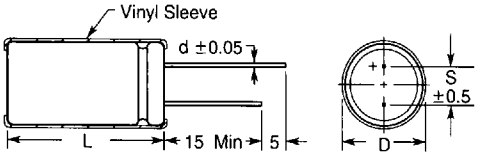
QA Stability Test:
Apply WVDC for 2,000 hrs at 85°C
- Capacitance change ≤20% from initial limits
- DC leakage current meets initial limits
- ESR ≤150% of initial measured value

The maximum ripple current at 85°C and 120 Hz for SKR 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		
	60Hz	120Hz	1kHz
6 to 25	.85	1.0	1.10
35 to 100	.80	1.0	1.15
160 to 250	.75	1.0	1.25
350 to 450	.70	1.0	1.30

Ambient Temperature	Ripple Multiplier
+85°C	1.00
+75°C	1.14
+65°C	1.25

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) D Diameter	L Length	S Lead Space	d	Catalog Number
6.3 WVDC; 8 VDC Surge							
100	3.98	130	5	11	2.0	.5	SKR101M0JD11
220	1.81	210	6.3	11	2.5	.5	SKR221M0JE11V
330	1.21	260	6.3	11	2.5	.5	SKR331M0JE11V
1,000	.40	560	10	13	5.0	.6	SKR102M0JG13V
2,200	.20	980	10	21	5.0	.6	SKR222M0JG21V
3,300	.14	1180	13	21	5.0	.6	SKR332M0JJ21V
4,700	.11	1460	13	26	5.0	.6	SKR472M0JJ26V
6,800	.09	1700	16	25	7.5	.8	SKR682M0JK25V
10,000	.07	2100	16	32	7.5	.8	SKR103M0JK32V
15,000	.06	2370	18	35	7.5	.8	SKR153M0JL35V
10 WVDC; 13 VDC Surge							
33	7.54	90	5	11	2.0	.5	SKR330M1AD11
47	6.00	100	5	11	2.0	.5	SKR470M1AD11
100	3.32	140	5	11	2.0	.5	SKR101M1AD11
220	1.51	230	6.3	11	2.5	.5	SKR221M1AE11V
330	1.01	330	8	11	3.5	.6	SKR331M1AF11V
470	.71	390	8	11	3.5	.6	SKR471M1AF11V
1,000	.33	670	10	16	5.0	.6	SKR102M1AG16V
2,200	.17	1080	13	21	5.0	.6	SKR222M1AJ21V
3,300	.12	1270	13	21	5.0	.6	SKR332M1AJ21V
4,700	.10	1610	16	25	7.5	.8	SKR472M1AK25V
6,800	.08	2010	16	32	7.5	.8	SKR682M1AK32V
10,000	.06	2260	18	35	7.5	.8	SKR103M1AL35V
15,000	.05	2670	18	42	7.5	.8	SKR153M1AL42V
16 WVDC; 20 VDC Surge							
22	11.30	75	5	11	2.0	.5	SKR220M1CD11
33	7.54	90	5	11	2.0	.5	SKR330M1CD11
47	6.00	100	5	11	2.0	.5	SKR470M1CD11
100	2.82	170	6.3	11	2.5	.5	SKR101M1CE11V
220	1.28	290	8	11	3.5	.6	SKR221M1CF11V
330	.85	350	8	11	3.5	.6	SKR331M1CF11V
470	.60	460	10	13	5.0	.6	SKR471M1CG13V
1,000	.28	820	10	21	5.0	.6	SKR102M1CG21V

Cap µF	Max ESR Ohms 120Hz 25°C	Max Ripple mA 120Hz 85°C	Size (Millimeters) D Diameter	L Length	S Lead Space	d	Catalog Number
16 WVDC; 20 VDC Surge							
2,200	.14	1160	13	21	5.0	.6	SKR222M1CJ21V
3,300	.11	1490	13	26	5.0	.6	SKR332M1CJ26V
4,700	.09	1900	16	32	7.5	.8	SKR472M1CK32V
6,800	.07	2170	18	35	7.5	.8	SKR682M1CL35V
10,000	.06	2560	18	42	7.5	.8	SKR103M1CL42V
25 WVDC; 32 VDC Surge							
10	24.87	50	5	11	2.0	.5	SKR100M1ED11
22	11.30	75	5	11	2.0	.5	SKR220M1ED11
33	7.54	90	5	11	2.0	.5	SKR330M1ED11
47	5.29	110	5	11	2.0	.5	SKR470M1ED11
100	2.49	180	6.3	11	2.5	.5	SKR101M1EE11V
220	1.13	310	8	11	3.5	.6	SKR221M1EF11V
330	.75	410	10	13	5.0	.6	SKR331M1EG13V
470	.53	530	10	16	5.0	.6	SKR471M1EG16V
1,000	.25	880	13	21	5.0	.6	SKR102M1EJ21V
2,200	.13	1350	13	26	5.0	.6	SKR222M1EJ26V
3,300	.10	1790	16	32	7.5	.8	SKR332M1EK32V
4,700	.08	2040	18	35	7.5	.8	SKR472M1EL35V
6,800	.06	2440	18	42	7.5	.8	SKR682M1EL42V
35 WVDC; 44 VDC Surge							
10	16.58	60	5	11	2.0	.5	SKR100M1VD11
22	7.54	90	5	11	2.0	.5	SKR220M1VD11
33	6.03	100	5	11	2.0	.5	SKR330M1VD11
47	4.23	140	6.3	11	2.5	.5	SKR470M1VE11V
100	1.99	230	8	11	3.5	.6	SKR101M1VF11V
220	.90	370	10	13	5.0	.6	SKR221M1VG13V
330	.60	500	10	16	5.0	.6	SKR331M1VG16V
470	.42	670	10	21	5.0	.6	SKR471M1VG21V
1,000	.20	990	13	21	5.0	.6	SKR102M1VJ21V
2,200	.11	700	16	32	7.5	.8	SKR222M1VK32V
3,300	.08	2000	18	35	7.5	.8	SKR332M1VL35V
4,700	.07	2380	18	42	7.5	.8	SKR472M1VL42V

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Cap µF	Max ESR Ohms 120Hz 25°C	Max Ripple mA 120Hz 85°C	Size (Millimeters) D Diameter	L Length	S Lead Space	d	Catalog Number
50 WVDC; 63 VDC Surge							
0.47	352.74	13	5	11	2.0	.5	SKRR47M1HD11
1.0	165.79	19	5	11	2.0	.5	SKR010M1HD11
2.2	75.36	29	5	11	2.0	.5	SKR2R2M1HD11
3.3	50.24	35	5	11	2.0	.5	SKR3R3M1HD11
4.7	35.27	42	5	11	2.0	.5	SKR4R7M1HD11
10	16.58	60	5	11	2.0	.5	SKR100M1HD11
22	7.54	90	5	11	2.0	.5	SKR220M1HD11
33	5.02	130	6.3	11	2.5	.5	SKR330M1HE11V
47	3.53	150	6.3	11	2.5	.5	SKR470M1HE11V
100	1.66	250	8	11	3.5	.6	SKR101M1HF11V
220	.75	440	10	16	5.0	.6	SKR221M1HG16V
330	.50	610	10	21	5.0	.6	SKR331M1HG21V
470	.35	740	13	21	5.0	.6	SKR471M1HJ21V
1,000	.17	1220	16	25	7.5	.8	SKR102M1HK25V
2,200	.09	1890	18	35	7.5	.8	SKR222M1HL35V
3,300	.07	2320	18	42	7.5	.8	SKR332M1HL42V
63 WVDC; 79 VDC Surge							
0.47	282.19	15	5	11	2.0	.5	SKRR47M1JD11
1.0	132.63	22	5	11	2.0	.5	SKR010M1JD11
2.2	60.29	32	5	11	2.0	.5	SKR2R2M1JD11
3.3	40.19	39	5	11	2.0	.5	SKR3R3M1JD11
4.7	28.22	47	5	11	2.0	.5	SKR4R7M1JD11
10	16.58	60	5	11	2.0	.5	SKR100M1JD11
22	7.54	100	6.3	11	2.5	.5	SKR220M1JE11V
33	5.02	130	6.3	11	2.5	.5	SKR330M1JE11V
47	3.53	170	8	11	3.5	.6	SKR470M1JF11V
100	1.66	270	10	13	5.0	.6	SKR101M1JG13V
220	.75	500	10	21	5.0	.6	SKR221M1JG21V
330	.50	620	13	21	5.0	.6	SKR331M1JJ21V
470	.35	820	13	26	5.0	.6	SKR471M1JJ26V
1,000	.17	1360	16	32	7.5	.8	SKR102M1JK32V
100 WVDC; 125 VDC Surge							
0.47	282.19	15	5	11	2.0	.5	SKRR47M2AD11
1.0	132.63	22	5	11	2.0	.5	SKR010M2AD11
2.2	60.29	32	5	11	2.0	.5	SKR2R2M2AD11
3.3	40.19	39	5	11	2.0	.5	SKR3R3M2AD11
4.7	28.22	47	5	11	2.0	.5	SKR4R7M2AD11
10	13.26	80	6.3	11	2.5	.5	SKR100M2AE11V
22	6.03	130	8	11	3.5	.6	SKR220M2AF11V
33	4.02	180	10	13	5.0	.6	SKR330M2AG13V
47	2.82	230	10	16	5.0	.6	SKR470M2AG16V
100	1.33	380	13	21	5.0	.6	SKR101M2AJ21V
220	.60	640	16	25	7.5	.8	SKR221M2AK25V
330	.40	780	16	25	7.5	.8	SKR331M2AK25V
470	.28	1040	16	32	7.5	.8	SKR471M2AK32V
160 WVDC; 200 VDC Surge							
0.47	705.47	12	6.3	11	2.5	.5	SKRR47M2CE11V
1.0	331.57	18	6.3	11	2.5	.5	SKR010M2CE11V
2.2	150.72	27	6.3	11	2.5	.5	SKR2R2M2CE11V
3.3	100.48	33	6.3	11	2.5	.5	SKR3R3M2CE11V
4.7	70.55	39	6.3	11	2.5	.5	SKR4R7M2CE11V
10	33.16	65	8	11	3.5	.5	SKR100M2CF11V
22	15.07	120	10	16	5.0	.6	SKR220M2CG16V
33	10.05	160	10	21	5.0	.6	SKR330M2CG21V
47	7.06	190	13	21	5.0	.6	SKR470M2CJ21V
100	3.32	310	13	26	5.0	.6	SKR101M2CJ26V
220	1.51	540	16	35	7.5	.8	SKR221M2CK35V
330	1.01	710	18	42	7.5	.8	SKR331M2CL42V

Cap µF	Max ESR Ohms 120Hz 25°C	Max Ripple mA 120Hz 85°C	Size (Millimeters) D Diameter	L Length	S Lead Space	d	Catalog Number
200 WVDC; 250 VDC Surge							
0.47	705.47	13	6.3	11	2.5	.5	SKRR47M2DE11V
1.0	331.57	19	6.3	11	2.5	.5	SKR010M2DE11V
2.2	150.72	29	6.3	11	2.5	.5	SKR2R2M2DE11V
3.3	100.48	35	6.3	11	2.5	.5	SKR3R3M2DE11V
4.7	70.55	48	8	11	3.5	.6	SKR4R7M2DF11V
10	33.16	75	10	13	5.0	.6	SKR100M2DG13V
22	15.07	140	10	21	5.0	.6	SKR220M2DG21V
33	10.05	170	13	21	5.0	.6	SKR330M2DJ21V
47	7.06	210	13	21	5.0	.6	SKR470M2DJ21V
100	3.32	340	16	25	7.5	.8	SKR101M2DK25V
220	1.51	620	18	42	7.5	.8	SKR221M2DL42V
250 WVDC; 300 VDC Surge							
0.47	705.47	14	6.3	11	2.5	.5	SKRR47M2EE11V
1.0	331.57	21	6.3	11	2.5	.5	SKR010M2EE11V
2.2	150.72	31	6.3	11	2.5	.5	SKR2R2M2EE11V
3.3	100.48	44	8	11	3.5	.6	SKR3R3M2EF11V
4.7	70.55	50	8	11	3.5	.6	SKR4R7M2EF11V
10	33.16	90	10	16	5.0	.6	SKR100M2EG16V
22	15.07	150	13	21	5.0	.6	SKR220M2EJ21V
33	10.05	190	13	21	5.0	.6	SKR330M2EJ21V
47	7.06	250	13	26	5.0	.6	SKR470M2EJ26V
100	3.32	410	16	32	7.5	.8	SKR101M2EK32V
350 WVDC; 400 VDC Surge							
0.47	881.84	14	8	11	3.5	.6	SKRR47M2VF11V
1.0	414.47	21	8	11	3.5	.6	SKR010M2VF11V
2.2	188.39	31	8	11	3.5	.6	SKR2R2M2VF11V
3.3	125.60	41	10	13	5.0	.6	SKR3R3M2VG13V
4.7	88.18	49	10	13	5.0	.6	SKR4R7M2VG13V
10	41.45	85	10	21	5.0	.6	SKR100M2VG21V
22	18.84	130	13	21	5.0	.6	SKR220M2VJ21V
33	12.56	180	13	26	5.0	.6	SKR330M2VJ26V
47	8.82	220	16	25	7.5	.8	SKR470M2VK25V
100	4.15	360	18	35	7.5	.8	SKR101M2VL35V
400 WVDC; 450 VDC Surge							
0.47	881.84	15	8	11	3.5	.6	SKRR47M2GF11V
1.0	414.47	21	8	11	3.5	.6	SKR010M2GF11V
2.2	188.39	32	8	11	3.5	.6	SKR2R2M2GF11V
3.3	125.60	42	10	13	5.0	.6	SKR3R3M2GG13V
4.7	88.18	55	10	16	5.0	.6	SKR4R7M2GG16V
10	41.45	90	13	21	5.0	.6	SKR100M2GJ21V
22	18.84	150	13	26	5.0	.6	SKR220M2GJ26V
33	12.56	190	16	25	7.5	.8	SKR330M2GK25V
47	8.82	250	16	32	7.5	.8	SKR470M2GK32V
450 WVDC; 500 VDC Surge							
0.47	881.84	12	8	11	3.5	.6	SKRR47M2WF11V
1.0	414.47	18	8	11	3.5	.6	SKR010M2WF11V
2.2	188.39	29	10	13	5.0	.6	SKR2R2M2WG13V
3.3	125.60	38	10	16	5.0	.6	SKR3R3M2WG16V
4.7	88.18	48	10	18	5.0	.6	SKR4R7M2WG18V
10	41.45	75	13	21	5.0	.6	SKR100M2WJ21V
22	18.84	130	16	25	7.5	.8	SKR220M2WK25V
33	12.56	170	16	32	7.5	.8	SKR330M2WK32V
47	8.82	210	18	35	7.5	.8	SKR470M2WL35V

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