TEAPO

Radial Type Aluminium Electrolytic Capacitors

SK Standard Series

- Endurance: 85℃ 2000hours
- Recommended Applications :For general purpose , decoupling , by pass and filtering circuit in entertainment electronics
- Corresponding product to RoHS

SPECIFICATIONS

Item	Characteristics	
Category Temperature Range	-40~+85℃	-25~+85℃
Rated Voltage Range	6.3 ~ 100VDC	160 ~ 500VDC
Rated Capacitance Range	1 ~ 22000 μF	1 ~ 470 μF
Capacitance Tolerance	± 20 % (120Hz , 20℃)	± 20 % (120Hz , 20℃)
Leakage Current (20℃)	I=0.01CV or 3 μA whichever is greater.	I=0.03CV+10(μA)
	(After rated voltage applied for 2 minutes) I：Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)	

Dissipation Factor(MAX) (tan δ) (120Hz ,20℃)

WV	6.3	10	16	25	35	50	63	100	160~250	350~500
tan δ	0.24	0.20	0.16	0.14	0.12	0.10	0.10	0.10	0.20	0.24

When nominal capacitance is over 1000 μF,tan δ shall be added 0.02 to the listed value with increase of every 1000 μF.

Low Temperature Stability Impedance Ratio (MAX)

WV / Z(120Hz)	6.3	10	16	25	35~100	160~250	315~350	400~500
Z-25℃ / Z+20℃	8	6	5	3	3	7	10	15
Z-40℃ / Z+20℃	10	8	6	4	3	—	—	—

Endurance

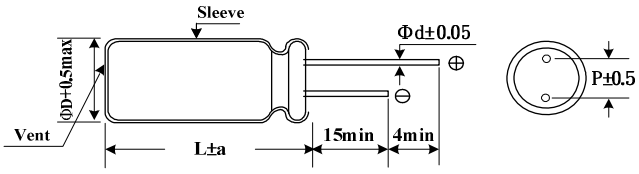
After applying rated voltage for 2000 hours at 85℃,Stay back to 20 ℃ temperature measurement, the capacitors shall meet the following requirements.

Capacitance change	Within ± 20% of initial value
D.F. (tan δ)	Not more than 200% of specified value
Leakage current	initial specified value or less

Shelf Life

The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for1,000 hours at 85℃ without voltage applied.

Dimensions [mm]



ΦD	5	6.3	8	10	13	16	18	22
P	2.0	2.5	3.5	5.0		7.5		10.0
Φd	0.5	0.5	0.6	0.6		0.8		0.8
a	1.5	1.5	1.5	1.5	2.0	2.0	2.0	2.0

Multiplier for Ripple Current

Freq. (Hz)	120	300	1K	10~100K
6.3 ~ 100V ≦68 μF	1.00	1.20	1.30	1.50
6.3 ~ 100V 100 ~ 680 μF	1.00	1.10	1.15	1.20
6.3 ~ 100V 1000 ~ 22000 μF	1.00	1.05	1.10	1.15
160 ~ 450V ≦220 μF	1.00	1.25	1.40	1.40
160 ~ 450V >220 μF	1.00	1.10	1.13	1.13
500V all volume(μF)	1.00	1.05	1.10	1.10

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6.3 (8)	22	5x11	0.24	35
	33	5x11	0.24	55
	47	5x11	0.24	75
	100	5x11	0.24	130
	220	5x11	0.24	200
		6.3x11	0.24	240
	330	6.3x11	0.24	260
	470	6.3x11	0.24	330
	680	8x11	0.24	410
	1000	8x11	0.24	460
		10x12.5	0.24	580
	2200	10x20	0.26	840
	3300	10x20	0.28	1000
	4700	13x20	0.30	1300
	6800	13x25	0.34	1550
	10000	16x25	0.42	1900
	15000	16x36	0.52	2500
	22000	18x40	0.66	3650
10 (13)	10	5x11	0.20	35
	22	5x11	0.20	55
	33	5x11	0.20	80
	47	5x11	0.20	95
	100	5x11	0.20	180
	220	6.3x11	0.20	250
	330	6.3x11	0.20	265
	470	6.3x11	0.20	320
	680	8x11	0.20	410
	1000	10x12.5	0.20	580
	2200	10x20	0.22	880
	3300	13x20	0.24	1250
	4700	13x25	0.26	1500
	6800	16x25	0.30	1900
	10000	16x36	0.38	2225
		18x32	0.38	2225
	15000	18x36	0.48	2950
	22000	22x40	0.62	3700
16 (20)	10	5x11	0.16	40
	22	5x11	0.16	75
	33	5x11	0.16	110
	47	5x11	0.16	130
	68	5x11	0.16	150
	100	5x11	0.16	165
	150	6.3x11	0.16	205
	220	6.3x11	0.16	260
	330	6.3x11	0.16	290
		8x11	0.16	360
	470	8x11	0.16	400
	680	10x12.5	0.16	510
	1000	10x15	0.16	630
	2200	13x20	0.18	1100
	3300	13x25	0.20	1400
	4700	16x25	0.22	1800
	6800	16x32	0.26	1980
	10000	18x36	0.34	2700
	15000	22x40	0.44	3150
	22000	22x40	0.58	3800
25 (32)	10	5x11	0.14	50
	22	5x11	0.14	90
	33	5x11	0.14	115
	47	5x11	0.14	135
	68	5x11	0.14	145
	100	6.3x11	0.14	160

Rated Voltage (SurageVoltage) (V)	Cap (μF)	Case size ΦDxL(mm)	tan δ	Ripple current (mA/rms85℃) (120Hz)
25 (32)	220	8x11	0.14	290
	330	8x11	0.14	315
	470	8x15	0.14	420
		10x12.5	0.14	460
	680	10x15	0.14	550
	1000	10x20	0.14	760
		13x16	0.14	760
	2200	13x25	0.16	1300
	3300	16x25	0.18	1660
	4700	16x32	0.20	1950
	6800	18x36	0.24	2550
	10000	22x40	0.32	2800
	15000	22x40	0.42	3200
35 (44)	10	5x11	0.12	60
	22	5x11	0.12	95
	33	5x11	0.12	120
	47	5x11	0.12	120
	100	6.3x11	0.12	185
	220	8x11	0.12	290
	330	10x12.5	0.12	420
	470	10x15	0.12	430
	680	10x20	0.12	550
	1000	13x20	0.12	950
	2200	16x25	0.14	1600
	3300	16x36	0.16	1970
		18x32	0.16	2050
	4700	18x36	0.18	2400
	6800	22x40	0.22	2600
50 (63)	10	5x11	0.10	65
	22	5x11	0.10	100
	33	5x11	0.10	105
	47	6.3x11	0.10	140
	100	8x11	0.10	230
	220	10x12.5	0.10	380
	330	10x15	0.10	490
	470	10x20	0.10	610
	1000	13x25	0.10	1100
	2200	16x36	0.12	1850
		18x32	0.12	1850
	3300	18x36	0.14	2170
	4700	22x40	0.16	2500
63 (79)	10	5x11	0.10	70
	22	5x11	0.10	95
		6.3x11	0.10	115
	33	6.3x11	0.10	130
	47	6.3x11	0.10	190
	100	10x12.5	0.10	300
	220	10x15	0.10	410
		10x20	0.10	490
	330	10x20	0.10	540
	470	13x20	0.10	755
	680	13x25	0.10	965
	1000	16x25	0.10	1310
	2200	18x36	0.12	2200
	3300	22x40	0.14	2500
100 (125)	10	5x11	0.10	65
		6.3x11	0.10	75
	22	6.3x11	0.10	105
		8x11	0.10	130
	33	8x11	0.10	140
	47	10x12.5	0.10	190
	68	10x15	0.10	280

Product specifications in this catalog are subject to change without notice.Please refer to the website directory.

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Rated Voltage (SurageVoltage) (V)	Cap (μF)	Case size ΦDxL(mm)	tan δ	Ripple current (mA/rms85℃) (120Hz)
100 (125)	100	10x20	0.10	400
	150	13x20	0.10	500
	220	13x25	0.10	710
	330	13x25	0.10	720
	470	16x25	0.10	1100
	680	16x36	0.10	1260
	1000	18x40	0.10	1350
160 (200)	1	5x11	0.20	17
		6.3x11	0.20	17
	2.2	6.3x11	0.20	26
	3.3	6.3x11	0.20	30
	4.7	6.3x11	0.20	32
	10	8x11	0.20	50
	22	10x15	0.20	110
	33	10x15	0.20	135
		10x20	0.20	150
	47	10x20	0.20	160
	68	13x20	0.20	200
	100	13x25	0.20	250
	150	16x25	0.20	330
	220	16x32	0.20	450
	330	18x36	0.20	540
	470	18x40	0.20	750
200 (250)	1	5x11	0.20	19
	2.2	6.3x11	0.20	22
	3.3	6.3x11	0.20	30
	4.7	6.3x11	0.20	35
	6.8	8x11	0.20	40
	10	8x11	0.20	45
	22	10x15	0.20	120
	33	10x20	0.20	160
	47	10x20	0.20	170
		13x20	0.20	200
	68	13x25	0.20	230
	100	16x25	0.20	330
	220	16x32	0.20	505
		18x25	0.20	485
	330	16x40	0.20	710
		18x32	0.20	685
	470	18x40	0.20	750
250 (300)	1	5x11	0.20	17
		6.3x11	0.20	19
	2.2	6.3x11	0.20	24
		8x11	0.2	30
	3.3	8x11	0.20	30
	4.7	8x11	0.20	36
	6.8	8x11	0.20	40
	10	10x12.5	0.20	65
	22	10x20	0.20	130

Rated Voltage (SurageVoltage) (V)	Cap (μF)	Case size ΦDxL(mm)	tan δ	Ripple current (mA/rms85℃) (120Hz)
250 (300)	33	13x20	0.20	140
	47	13x25	0.20	210
	100	16x25	0.20	250
	150	16x32	0.20	330
	220	18x36	0.20	540
350 (400)	1.0	6.3x11	0.24	19
	2.2	8x11	0.24	33
	3.3	8x11	0.24	33
	4.7	10x12.5	0.24	39
	10	10x15	0.24	70
	22	13x20	0.24	130
	33	13x25	0.24	170
	47	16x25	0.24	220
	100	16x36	0.24	320
		18x32	0.24	300
400 (450)	1.0	6.3x11	0.24	16
		8x11	0.24	19
	2.2	6.3x11	0.24	20
		8x11	0.24	26
	3.3	8x11	0.24	35
	4.7	8x11	0.24	38
		10x12.5	0.24	42
	6.8	8x15	0.24	42
		10x12.5	0.24	45
	10	10x15	0.24	50
	22	13x20	0.24	100
	33	13x25	0.24	140
	47	16x25	0.24	180
	68	16x32	0.24	250
		18x25	0.24	220
	100	18x32	0.24	320
	150	18x40	0.24	420
450 (500)	1.0	8x11	0.24	19
	2.2	10x12.5	0.24	33
	3.3	10x12.5	0.24	40
	4.7	10x12.5	0.24	45
	6.8	10x15	0.24	50
	10	10x20	0.24	58
		13x20	0.24	60
	22	13x25	0.24	98
	33	16x25	0.24	145
500(550)	2.2	10x12.5	1.24	33
	3.3	10x15	2.24	43
	6.8	10x20	3.24	70
	10	13x20	4.24	93
	22	16x25	5.24	105
	33	16x25	6.24	200
	47	18x32	7.24	185

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Parça koduyla arama

Üretici parça numarasını yazın; stok ve fiyatı hemen görün.

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Kategorilere göz atın

Üreticiler

Aradığınız üreticinin ürünlerini tek sayfada inceleyin.

Üreticileri görün

Toplu alım ve teklif

Listede olmayan ya da yüksek adetli parçalar için teklif isteyin.

Teklif isteyin

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