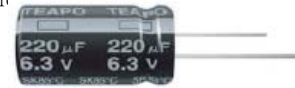


Jamicon Series : SK

Teapo Series : SK Standard Series

550V  
LINE  
UP



■ Endurance: 85°C 2000hours

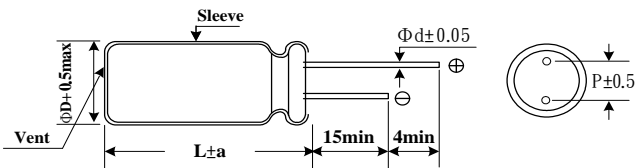
■ Recommended Applications :For general purpose , decoupling , by pass and filtering circuit in entertainment electr

■ Corresponding product to RoHS

**SPECIFICATIONS**

Item	Characteristics										
	-40~+85°C			-40~+85°C				-25~+85°C			
Category Temperature Range	-40~+85°C			-40~+85°C				-25~+85°C			
Rated Voltage Range	6.3 ~ 100VDC			160 ~ 450VDC				500~550VDC			
Rated Capacitance Range	1~ 22000 μF			1 ~ 470 μF				2.2~82 μF			
Capacitance Tolerance	± 20 % (120Hz , 20°C)			± 20 % (120Hz , 20°C)				± 20 % (120Hz , 20°C)			
Leakage Current (20°C)	I=0.01CV or 3 μ A whichever is greater.			I=0.03CV+10(μ A)				I=0.03CV+10(μ A)			
	(After rated voltage applied for 2 minutes) I : Max. leakage current (μ A), C : Nominal capacitance (μ F), V : Rated voltage (V)										
Dissipation Factor(MAX) (tan δ ) (120Hz ,20°C)	WV	6.3	10	16	25	35~40	50~63	100	160~250	350~450	500~550
	tan δ	0.22	0.19	0.16	0.14	0.12	0.10	0.08	0.15	0.20	0.24
When nominal capacitance is over 1000 μ F,tan δ shall be added 0.02 to the listed value with increase of every 1000 μ F.											
Low Temperature Stability Impedance Ratio (MAX)	Z(120Hz)	6.3	10	16	25	35~100	160~250	315~350	400~550		
	Z-25°C / Z+20°C	8	6	5	3	3	7	10	15		
	Z-40°C / Z+20°C	10	8	6	4	3	—	—	—		
Endurance	After applying rated voltage for 2000 hours at 85°C,Stay back to 20 °C 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									
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for1,000 hours at 85°C without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to item 4.1 of JIS C 5101-4.										
	Leakage current initial specified value or less										

**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	1.0		
a	1.5	1.5	1.5	1.5	2.0	2.0	2.0	2.0

**Multiplier for Ripple Current**

Freq. (Hz)	60	120	1K	≥10K
6.3~25V	0.85	1.00	1.10	1.20
35 ~ 100V	0.80	1.00	1.15	1.25
160 ~ 200V	0.75	1.00	1.25	1.40
350 ~ 450V	0.70	1.00	1.30	1.50
500~550V	0.60	1.00	1.10	1.15

Jamicon Series : SK

Teapo Series : SK

■ STANDARD RATINGS

Rated Voltage (SurageVoltage) (V)	Cap ( $\mu$ F)	Case size $\Phi$ DxL(mm)	$\tan \delta$	Ripple current (mA/rms85°C) (120Hz)	Rated Voltage (SurageVoltage) (V)	Cap ( $\mu$ F)	Case size $\Phi$ DxL(mm)	$\tan \delta$	Ripple current (mA/rms85°C) (120Hz)	
6.3 (8)	22	5x11	0.22	50	25 (32)	220	8x11	0.14	390	
	33	5x11	0.22	65		330	8x11	0.14	480	
	47	5x11	0.22	105		470	8x15	0.14	530	
	100	5x11	0.22	160			10x12.5	0.14	600	
	220	5x11	0.22	240		680	10x15	0.14	760	
		6.3x11	0.22	270			1000	10x20	0.14	1080
	330	6.3x11	0.22	330		13x16		0.14	1070	
	470	6.3x11	0.22	390		2200	13x25	0.16	1760	
	680	8x11	0.22	520		3300	16x25	0.18	2040	
	1000	8x11	0.22	670		4700	16x32	0.20	2500	
		10x12.5	0.22	700			6800	18x36	0.24	3100
	2200	10x20	0.24	1220		10000	22x40	0.32	3700	
	3300	10x20	0.26	1440		15000	22x40	0.42	3980	
	4700	13x20	0.28	1730						
	6800	13x25	0.32	2160		35 (44)	10	5x11	0.12	70
	10000	16x25	0.40	2390			22	5x11	0.12	100
15000	16x36	0.50	3050	33	5x11		0.12	120		
22000	18x40	0.64	3680	47	5x11		0.12	150		
				100	6.3x11		0.12	240		
10 (13)	10	5x11	0.19	50	220		8x11	0.12	420	
	22	5x11	0.19	60	330		10x12.5	0.12	550	
	33	5x11	0.19	80	470		10x15	0.12	700	
	47	5x11	0.19	110			680	10x20	0.12	900
	100	5x11	0.19	180	1000		13x20	0.12	1240	
	220	6.3x11	0.19	290	2200	16x25	0.14	1890		
	330	6.3x11	0.19	350		3300	16x36	0.16	2530	
	470	6.3x11	0.19	420	18x32		0.16	2450		
	680	8x11	0.19	520	4700	18x36	0.18	2960		
	1000	10x12.5	0.19	760		6800	22x40	0.22	3600	
	2200	10x20	0.21	1310	50 (63)		10	5x11	0.10	75
	3300	13x20	0.23	1630		22	5x11	0.10	110	
	4700	13x25	0.25	2020		33	5x11	0.10	140	
	6800	16x25	0.29	2270		47	6.3x11	0.10	180	
						100	8x11	0.10	310	
	10000	16x36	0.37	2900		220	10x12.5	0.10	490	
18x32		0.37	3000	330		10x15	0.10	650		
15000	18x36	0.47	3360	470		10x20	0.10	820		
22000	22x40	0.59	4000			1000	13x25	0.10	1500	
				2200		16x36	0.12	2390		
16 (20)	10	5x11	0.16	50	18x32	0.12	2400			
	22	5x11	0.16	75	3300	18x36	0.14	2890		
	33	5x11	0.16	110		4700	22x40	0.16	3500	
	47	5x11	0.16	130	63 (79)		10	5x11	0.10	75
	68	5x11	0.16	150		22	5x11	0.10	110	
	100	5x11	0.16	175			6.3x11	0.10	130	
	150	6.3x11	0.16	245		33	6.3x11	0.10	150	
	220	6.3x11	0.16	310		47	6.3x11	0.10	190	
	330	6.3x11	0.16	360			100	10x12.5	0.10	330
		8x11	0.16	450		220	10x15	0.10	520	
	470	8x11	0.16	540			10x20	0.10	600	
	680	10x12.5	0.16	700		330	10x20	0.10	730	
	1000	10x16	0.16	920		470	13x20	0.10	930	
	2200	13x20	0.18	1510	680	13x25	0.10	1200		
	3300	13x25	0.20	1930	1000	16x25	0.10	1510		
	4700	16x25	0.22	2160		2200	18x36	0.12	2350	
6800	16x32	0.26	2650	3300	22x40	0.14	3200			
10000	18x36	0.34	3230		100 (125)	10	5x11	0.08	80	
15000	22x40	0.44	4090	22		6.3x11	0.08	95		
22000	22x40	0.58	4200			8x11	0.08	140		
				8x11		0.08	160			
10	5x11	0.14	60	33		8x11	0.08	200		
22	5x11	0.14	95	47		10x12.5	0.08	250		
33	5x11	0.14	115		68	10x15	0.08	315		
47	5x11	0.14	140							
68	5x11	0.14	150							
100	6.3x11	0.14	230							

Jamicon Series : SK

Teapo Series : SK

■ STANDARD RATINGS

Rated Voltage (SurageVoltage) (V)	Cap ( $\mu$ F)	Case size $\Phi$ DxL(mm)	$\tan \delta$	Ripple current (mA/rms85°C) (120Hz)	Rated Voltage (SurageVoltage) (V)	Cap ( $\mu$ F)	Case size $\Phi$ DxL(mm)	$\tan \delta$	Ripple current (mA/rms85°C) (120Hz)	
100 (125)	100	10x20	0.08	450	250 (300)	100	16x25	0.15	485	
	150	13x20	0.08	600		150	16x32	0.15	650	
	220	13x25	0.08	790		220	18x36	0.15	900	
	160 (200)	330	13x25	0.08	960	350 (400)	1.0	6.3x11	0.20	25
		470	16x25	0.08	1160		2.2	8x11	0.20	43
		680	16x36	0.08	1500		3.3	8x11	0.20	45
		1000	18x40	0.08	2220		4.7	10x12.5	0.20	65
200 (250)		1	5x11	0.15	20		10	10x15	0.20	100
		2.2	6.3x11	0.15	25		22	13x20	0.20	190
		3.3	6.3x11	0.15	37		33	13x25	0.20	250
		4.7	6.3x11	0.15	45		47	16x25	0.20	300
		10	8x11	0.15	90		100	16x36	0.20	510
		22	10x15	0.15	150		18x32	0.20	520	
		33	10x15	0.15	160	400 (450)	4.7	8x11	0.20	55
		47	10x20	0.15	210		6.8	10x12.5	0.20	65
		68	13x20	0.15	230		8x15	0.20	65	
		100	13x25	0.15	255		10x12.5	0.20	70	
	150	16x25	0.15	230	10		10x15	0.20	100	
	220	16x32	0.15	290	22		13x20	0.20	190	
	330	18x36	0.15	370	33		13x25	0.20	230	
	470	22x40	0.15	470	47		16x25	0.20	290	
250 (300)	1	5x11	0.15	23	68		16x32	0.20	370	
	2.2	6.3x11	0.15	29	18x25		0.20	350		
	3.3	6.3x11	0.15	39	100	18x32	0.20	515		
	4.7	6.3x11	0.15	48	150	18x40	0.20	700		
	6.8	8x11	0.15	70	450 (500)	2.2	10x12.5	0.20	45	
	10	8x11	0.15	80		3.3	10x12.5	0.20	52	
	22	10x15	0.15	160		4.7	10x12.5	0.20	58	
	33	10x20	0.15	210		6.8	10x15	0.20	70	
	47	10x20	0.15	240		10	13x20	0.20	130	
	68	13x20	0.15	290		22	13x25	0.20	185	
	100	16x25	0.15	340		33	16x25	0.20	250	
	220	16x32	0.15	470	47	18x36	0.20	370		
	300 (360)	1	5x11	0.15	23	500(550)	4.7	10x12.5	0.24	40
		2.2	6.3x11	0.15	29		6.8	10x15	0.24	50
3.3		6.3x11	0.15	39	10		10x20	0.24	70	
4.7		6.3x11	0.15	48	15		13x16	0.24	90	
6.8		8x11	0.15	70	22		13x25	0.24	130	
10		8x11	0.15	80	33		16x25	0.24	200	
22		10x15	0.15	160	47		18x32	0.24	230	
33		10x20	0.15	210	550 (600)	4.7	10x12.5	0.24	45	
47		10x20	0.15	240		6.8	10x15	0.24	55	
68		13x25	0.15	290		10	10x20	0.24	75	
100		16x25	0.15	340		12	10x20	0.24	85	
220		16x32	0.15	470		15	13x16	0.24	100	
330		18x36	0.15	665		18	13x20	0.24	120	
470		22x40	0.15	1210		22	13x25	0.24	145	
350 (420)	1	5x11	0.15	23	33	16x30	0.24	215		
	2.2	6.3x11	0.15	29	47	18x32	0.24	250		
	3.3	6.3x11	0.15	39	68	18x36	0.24	320		
	4.7	6.3x11	0.15	48	82	18x40	0.24	360		
	6.8	8x11	0.15	70	550 (600)	4.7	10x12.5	0.24	45	
	10	8x11	0.15	80		6.8	10x15	0.24	55	
	22	10x15	0.15	160		10	10x20	0.24	75	
	33	10x20	0.15	210		12	10x20	0.24	85	
	47	10x20	0.15	240		15	13x16	0.24	100	
	68	13x25	0.15	290		18	13x20	0.24	120	
	100	16x25	0.15	340		22	13x25	0.24	145	
	220	16x32	0.15	470		33	16x30	0.24	215	
	330	18x36	0.15	665		47	18x32	0.24	250	
	470	22x40	0.15	1210		68	18x36	0.24	320	
400 (480)	1	5x11	0.15	23		82	18x40	0.24	360	
	2.2	6.3x11	0.15	29		550 (600)	4.7	10x12.5	0.24	45
	3.3	6.3x11	0.15	39			6.8	10x15	0.24	55
	4.7	6.3x11	0.15	48			10	10x20	0.24	75
	6.8	8x11	0.15	70	12		10x20	0.24	85	
	10	8x11	0.15	80	15		13x16	0.24	100	
	22	10x15	0.15	160	18		13x20	0.24	120	
	33	10x20	0.15	210	22		13x25	0.24	145	
	47	10x20	0.15	240	33		16x30	0.24	215	
	68	13x25	0.15	290	47		18x32	0.24	250	
	100	16x25	0.15	340	68		18x36	0.24	320	
	220	16x32	0.15	470	82		18x40	0.24	360	
	330	18x36	0.15	665	550 (600)		4.7	10x12.5	0.24	45
	470	22x40	0.15	1210			6.8	10x15	0.24	55
450 (540)	1	5x11	0.15	23			10	10x20	0.24	75
	2.2	6.3x11	0.15	29		12	10x20	0.24	85	
	3.3	6.3x11	0.15	39		15	13x16	0.24	100	
	4.7	6.3x11	0.15	48		18	13x20	0.24	120	
	6.8	8x11	0.15	70		22	13x25	0.24	145	
	10	8x11	0.15	80		33	16x30	0.24	215	
	22	10x15	0.15	160		47	18x32	0.24	250	
	33	10x20	0.15	210		68	18x36	0.24	320	
	47	10x20	0.15	240		82	18x40	0.24	360	
	68	13x25	0.15	290		550 (600)	4.7	10x12.5	0.24	45
	100	16x25	0.15	340			6.8	10x15	0.24	55
	220	16x32	0.15	470			10	10x20	0.24	75
	330	18x36	0.15	665	12		10x20	0.24	85	
	470	22x40	0.15	1210	15		13x16	0.24	100	
500 (600)	1	5x11	0.15	23	18		13x20	0.24	120	
	2.2	6.3x11	0.15	29	22		13x25	0.24	145	
	3.3	6.3x11	0.15	39	33		16x30	0.24	215	
	4.7	6.3x11	0.15	48	47		18x32	0.24	250	
	6.8	8x11	0.15	70	68		18x36	0.24	320	
	10	8x11	0.15	80	82		18x40	0.24	360	
	22	10x15	0.15	160	550 (600)		4.7	10x12.5	0.24	45
	33	10x20	0.15	210			6.8	10x15	0.24	55
	47	10x20	0.15	240			10	10x20	0.24	75
	68	13x25	0.15	290		12	10x20	0.24	85	
	100	16x25	0.15	340		15	13x16	0.24	100	
	220	16x32	0.15	470		18	13x20	0.24	120	
	330	18x36	0.15	665		22	13x25	0.24	145	
	470	22x40	0.15	1210		33	16x30	0.24	215	
550 (660)	1	5x11	0.15	23		47	18x32	0.24	250	
	2.2	6.3x11	0.15	29		68	18x36	0.24	320	
	3.3	6.3x11	0.15	39		82	18x40	0.24	360	
	4.7	6.3x11	0.15	48		550 (600)	4.7	10x12.5	0.24	45
	6.8	8x11	0.15	70			6.8	10x15	0.24	55
	10	8x11	0.15	80			10	10x20	0.24	75
	22	10x15	0.15	160	12		10x20	0.24	85	
	33	10x20	0.15	210	15		13x16	0.24	100	
	47	10x20	0.15	240	18		13x20	0.24	120	
	68	13x25	0.15	290	22		13x25	0.24	145	
	100	16x25	0.15	340	33		16x30	0.24	215	
	220	16x32	0.15	470	47		18x32	0.24	250	
	330	18x36	0.15	665	68		18x36	0.24	320	
	470	22x40	0.15	1210	82		18x40	0.24	360	