

RADIAL TYPE

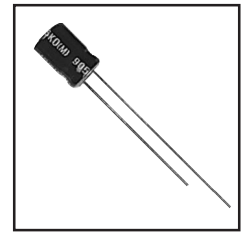
SS

Series

7mmL 85°C, Standard

JAMICON®

- For general purposes series with 7mm height

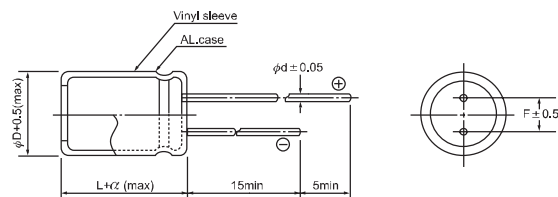


SPECIFICATION

Item	Characteristic									
Operation Temperature Range	-40 ~ +85°C									
Rated Working Voltage	4 ~ 63VDC									
Capacitance Tolerance (120Hz 20°C)	±20%(M)									
Leakage Current (20°C)	$I \leq 0.01CV$ or $3 (\mu A)$									
	*Whichever is greater after 2 minutes									
Surge Voltage (20°C)	W.V.	4	6.3	10	16	25	35	50	63	
	S.V.	5	8	13	20	32	44	63	79	
Dissipation Factor (tan δ) (120Hz 20°C)	W.V.	4	6.3	10	16	25	35	50	50~63	
	tan δ	0.35	0.24	0.20	0.16	0.14	0.12	0.10	0.10	
Low Temperature Stability	Impedance ratio at 120Hz									
	Rated Voltage (V)	4	6.3	10	16	25	35	50~63		
	-25°C / +20°C	6	4	3	2	2	2	2	2	
	-40°C / +20°C	12	8	6	4	4	3	3		
Load Life	After 1000 hours application of W.V. and +85°C ripple current value, the capacitor shall meet the following limits. (DC + ripple peak voltage ≤ rate working voltage)									
	Capacitance Change	≤ ±20% of initial value								
	Dissipation Factor	≤ 200% of initial specified value								
	Leakage current	≤ initial specified value								
Shelf Life	At +85°C no voltage application after 1000 hours the capacitor shall meet the limits for load life characteristics. (with voltage treatment)									

DIMENSIONS (mm)

φD	4	5	6.3	8
F	1.5	2.0	2.5	3.5
d	0.45	0.45	0.45	0.50
α	1.0	1.0	1.0	1.0



CASE SIZE & MAX RIPPLE CURRENT

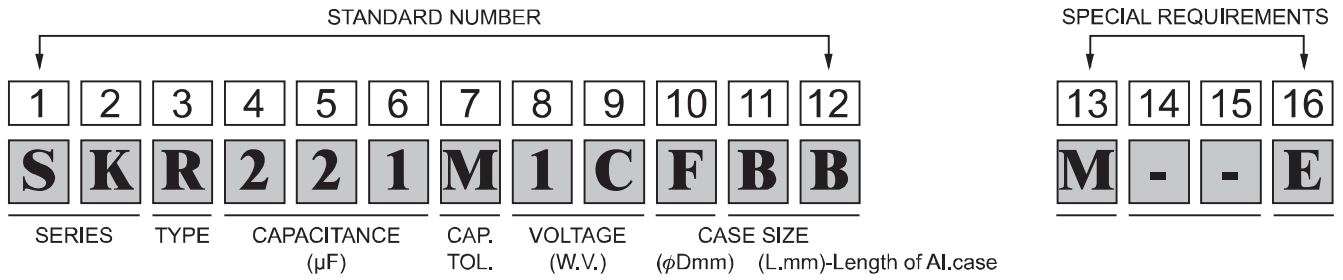
Case size : D x L (mm)
Max ripple current : mA(rms) 85°C 120Hz

μF	V(Code) Code	Item	4 (0G)		6.3 (0J)		10 (1A)		16 (1C)		25 (1E)		35 (1V)		50 (1H)		63 (1J)	
			DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.
0.1		0R1																
0.22		R22												→	4x7	4	4x7	4
0.33		R33												→	4x7	6	4x7	6
0.47		R47												→	4x7	7	4x7	7
1.0		010												→	4x7	8	4x7	8
2.2		2R2												→	4x7	12	4x7	12
3.3		3R3												→	4x7	18	4x7	18
4.7		4R7												→	4x7	20	4x7	22
10		100												→	4x7	22	4x7	25
22		220												→	4x7	24	4x7	26
33		330	4x7	37	4x7	44	4x7	49	5x7	60	6.3x7	75	8x7	95	8x7	100		
47		470	4x7	44	5x7	60	5x7	65	5x7	75	8x7	100	8x7	110				
100		101	5x7	70	6.3x7	100	6.3x7	110	6.3x7	120	8x7	150						
220		221	6.3x7	120	8x7	170	8x7	190	8x7	210								
330		331	8x7	170	8x7	210												

All blank voltage on sleeve marking is the same voltage as "→" point to.

PARTS NUMBER SYSTEM

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Series			Code	Type	Description	CAP (μF)	Code	Tolerance (%)	Code	Voltage (W.V.)	Code	Diameter (φ)	Code	Length (L)	Code	Code	Description					
PS	SH	RV	R	Radial	Bulk	0.1	OR1	+10	K	2.5	0E	3	A	11	11	W	Without Sleeve					
PT	SL	LP				0.22	R22	-10		4	0G	3.8	S	11.5	BB		W	Sleeve				
PH	NS	HP	P		Radial	Taping (Ammo Pack)	0.33	R33	+15	L	6.3	0J	4	C	12.5	BC	1~9	Customer				
PC	SK	LS					0.47	R47	-15		10	1A	5	D	31.5	DB	A~Z	Assign				
PF	SM	HS	C			Radial	Lead Cut	1	010	+20	M	13	1P	6	W	35.5	DF	a~	Brand			
PB	TK	HM						2.2	2R2	-20		16	1C	6.3	E	100	1H					
CS	TM	LT	F				Radial	Lead Forming Cut	3.3	3R3	+100	P	20	1D	7	Y	110	1A				
CA	NK	LL							4.7	4R7	-0		25	1E	8	F	115	1K				
CN	LK	HT	B					Radial	Lead Forming Only	10	100	+30	Q	35	1V	10	G	120	1B			
CR	MZ	HV								22	220	-10		40	1G	12	H	121	1M	Code	Description	
CT	TB	HL	Y						Radial	Lead Snap in	33	330	+20	R	50	1H	12.5	I	130	1C	E	PET Sleeve
CE	TP	HF									47	470	-0		63	1J	13	J	131	1P		
CP	WL	HX	W	Lug						Snap in Terminal	100	101	+50	T	80	1K	16	K	140	1D		
CH	WJ	KP									220	221	-10		100	2A	18	L	144	1Q		
CU	WG	MP	G		Lug					G Type Terminal	330	331	+75	U	125	2B	20	M	150	1E		
CL	TL	GP									470	471	-10		160	2C	22	N	155	1N		
CF	TZ	UP	V			Lug				V Type Terminal	1000	102	+20	V	180	2M	25	O	157	1R		
CK	TC	WP									2200	222	-10		200	2D	30	P	160	1F		
CZ	TH	QP	S				Screw			Screw Terminal Type	3300	332	+20	H	250	2E	35	Q	170	1G		
CD	TX	RP									4700	472	-5		315	2F	40	R	180	1I		
CJ	TJ	XP	M					Chip		Surface Mount Type	10000	103	+30	F	330	2U	45	a	190	1J		
CB	TF	BP									22000	223	-0		350	2V	51	V	196	1S		
SV	TA	FP							Chip		33000	333	+100	W	400	2G	64	1	215	1L		
ST	WB	EP	47000								473	-10	450		2W	77	2	236	1T			
NT	UK			Chip											500	2H	90	3				
SS	NC																550	3W				