

SP

High Ripple · Long life Series

- Endurance: 105°C · 8000~10000hours
- Recommended Applications : Applicable for Electronic Ballast
- Corresponding product to RoHS

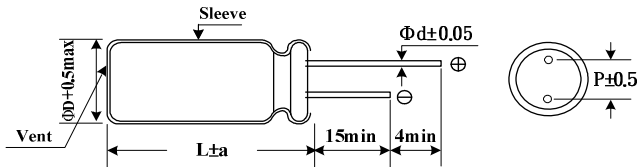
SP
↑ Long Life
SG



■ SPECIFICATIONS

Item	Characteristics	
Category Temperature Range	-40~+105°C	-25~+105°C
Rated Voltage Range	160 ~ 450VDC	500VDC
Rated Capacitance Range	3.3 ~ 330 µF	10~ 68 µF
Capacitance Tolerance	± 20 % (120Hz , 20°C)	± 20 % (120Hz , 20°C)
Leakage Current (20°C)	I=0.04CV + 100(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	160 200 400 420~450 500
	tan δ	0.20 0.20 0.24 0.24 0.24
Low Temperature Stability Impedance Ratio (MAX)	Z(120Hz)	160 200 400 420~450 500
	Z-25°C / Z+20°C	3 3 5 6 6
	Z-40°C / Z+20°C	6 6 6 8 -
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20°C after subjected to DC voltage with the max ripple current is applies for 10000 hours (8000 hours for φ 10) at 105°C.	
	Capacitance change	Within ± 20% of initial value
	D.F. (tan δ)	Not more than 200% of specified value
Shelf Life	Leakage current	initial specified value or less
	After placed at 105°C without voltage applied for 1000 hours,the capacitors shall meet the same requirement as Endurance.	

■ Dimensions [mm]



ΦD	10	12.5	13	16	18
P	5.0	5.0		7.5	7.5
Φd	0.6	0.6		0.8	0.8
a	1.5(2.0)	2(2.5)		2.0	2.0

Notes : ():L ≥ 30mm

■ Multiplier for Ripple Current

Freq. (Hz)	120	1K	10K	100K
Coefficient	1.0	1.6	1.8	2.0

■ STANDARD RATINGS

Rated Voltage (SurageVoltage) (V)	Cap (μF)	Case size ΦDxL(mm)	Ripple current (mA/rms105°C) (120Hz)	Ripple current (mA/rms105°C) (100KHz)	Rated Voltage (SurageVoltage) (V)	Cap (μF)	Case size ΦDxL(mm)	Ripple current (mA/rms105°C) (120Hz)	Ripple current (mA/rms105°C) (100KHz)
160 (200)	33	10x20	250	500	400 (450)	68	12.5x50	400	800
	47	10x20	290	580			18x32	435	870
		12.5x20	330	660		82	12.5x55	460	920
	68	13x25	360	720	420(470)		27	10x40	200
		16x20	380	760		33	10x45	235	470
	100	13x25	485	970		39	10x50	270	340
		16x20	560	1120		47	12.5x42	310	620
		16x25	560	1120		56	12.5x45	330	660
		18x20	560	1120		68	12.5x50	390	780
	150	10x45	410	820		82	12.5x55	450	900
		16x25	600	1200		450 (500)	3.3	10x16	50
		16x32	650	1300	4.7		10x20	70	140
	18x25	650	1300	6.8	10x20		75	150	
	180	10x50	470		940		12.5x20	90	180
		220	12.5x45	550	1100		10	10x20	130
	16x32		650	1300	12.5x20			155	310
	18x25		650	1300	22		10x40	250	500
	270	12.5x50	640	1280			13x20	215	430
330		12.5x55	740	1480			16x20	240	480
	18x36	690	1380	16x25			280	560	
200 (250)	22	10x20	220	440	18x20	275	550		
		10x20	260	520	27	10x42	270	540	
	33	12.5x20	290	580		33	10*45	300	600
		13x20	330	660	16x32		310	620	
	68	13x25	360	720	18x25	295	590		
		16x20	380	760	39	10x50	340	680	
	100	16x25	560	1120		12.5x40	350	700	
		10x45	330	660	47	12.5x45	420	840	
	120	10x50	430	860		16x36	440	880	
		150	12.5x45	510		1020	18x20	350	700
	16x32		640	1280		18x25	390	780	
	180	12.5x50	590	1180	18x32	440	880		
220		12.5x52	650	1300	56	12.5x50	480	560	
	270	12.5x55	750	1500	68	12.5x55	530	1060	
250(300)	82	10x52	390	780	500(550)	10	12.5x20	130	260
	100	12.5x42	470	940		15	12.5x25	165	330
		120	12.5x45	480			16x20	170	340
	150	12.5x50	540	1080		18	12.5x30	195	390
		180	12.5x55	650			16x20	185	370
400 (450)	6.8	10x20	75	150		22	12.5x35	230	460
		10x20	90	180			16x25	230	460
	22	13x20	110	220			18x20	225	450
		16x20	150	300			27	12.5x40	270
	33	16x20	230	460		16x25		250	500
		16x25	260	520	33	16x30	300	600	
	39	10x45	260	520		18x25	295	590	
		47	12.5x40	310	620	39	16x36	355	710
	16x20		280	560	47		16x40	410	820
	16x32		350	700		18x30	385	770	
	56		10x52	340	680	56	18x36	455	910
		12.5x45	360	720	68	18x40	515	1030	

单击下面可查看定价，库存，交付和生命周期等信息

[>>Teapo \(智宝\)](#)