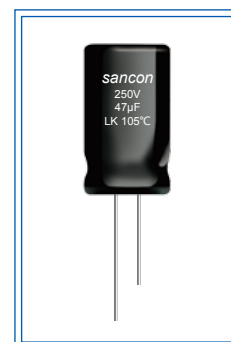


LK (CD26F)

Features

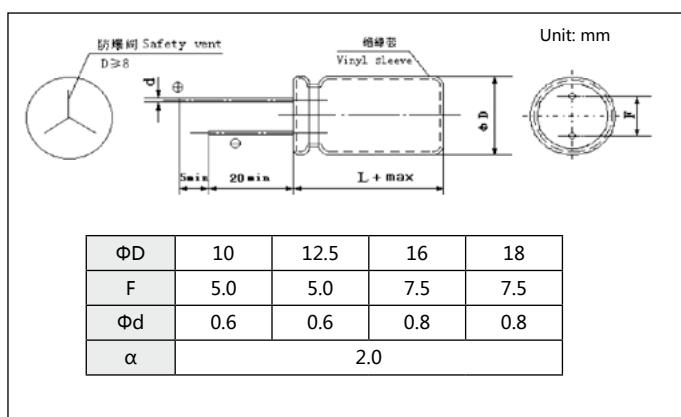
- 5000-10000h at 105°C .
- Long life, high Ripple Current.
- Electronic Ballast, for input filtering.

Specifications



Item	Performance Characteristics																																
Operating Temperature Range	-25~+105℃																																
Rated Voltage Range	160~450V																																
Nominal Capacitance Range	1.0~220μF																																
Capacitance Tolerance	±20%(+20℃ ,120Hz)																																
Leakage Current (+20℃ ,max)	I ≤ 0.04CV+100 (after 1 minutes , at 20℃)																																
Dissipation Factor (tgδ,+20℃,120Hz)	<table><tr><td>U_R(V)</td><td>160</td><td>200</td><td>250</td><td>350</td><td>400</td><td>450</td></tr><tr><td>tgδ</td><td colspan="3">0.10</td><td colspan="3">0.12</td></tr></table>										U _R (V)	160	200	250	350	400	450	tgδ	0.10			0.12											
U _R (V)	160	200	250	350	400	450																											
tgδ	0.10			0.12																													
Temperature Characteristics (Impedance ratio at 120Hz)	<table><tr><td>U_R(V)</td><td>160</td><td>200</td><td>250</td><td>350</td><td>400</td><td>450</td></tr><tr><td>Z-25℃ /+20℃</td><td colspan="3">3</td><td colspan="3">6</td></tr></table> <table><tr><td>Case Size</td><td>Life Time(hrs)</td></tr><tr><td>ΦD10×12.5</td><td>5000</td></tr><tr><td>ΦD10×16</td><td rowspan="2">8000</td></tr><tr><td>ΦD10×20</td></tr><tr><td>ΦD ≥ 12.5</td><td>10000</td></tr></table>										U _R (V)	160	200	250	350	400	450	Z-25℃ /+20℃	3			6			Case Size	Life Time(hrs)	ΦD10×12.5	5000	ΦD10×16	8000	ΦD10×20	ΦD ≥ 12.5	10000
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Load Life	After applying rated voltage with specified ripple current for specified time at +105℃ and then resumed 24 hours: Capacitance change :±30% of the initial measured value Leakage current : ≤ the initial specified value Dissipation factor: ≤ 300% of the initial specified value																																
Shelf Life	After storage for 1000 hours at +105℃ ,U _R to be applied for 30 minutes and then resumed 24 hours: Capacitance change : ±20% of the initial measured value Leakage current : ≤ the initial specified value Dissipation factor: ≤ 200% of the initial specified value																																

Diagram of Dimensions



Multiplier for Ripple Current

Frequency coefficient

Frequency(Hz)	120	1K	10k	100k
Cap(μF)				
1~4.7	0.2	0.4	0.8	1.0
6.8~15	0.3	0.6	0.9	1.0
22~82	0.4	0.7	0.9	1.0
100~220	0.45	0.75	0.9	1.0

Temperature coefficient

Temperature (°C)	+65	+85	+105
Coefficient	2.1	1.7	1.0

Standard Size

U _R (Surge Voltage) Code(V)	Capacitance (μF)	Size ΦD×L (mm)	Rated ripple current 105°C, 120Hz (mA _{rms})	Max ESR 20°C, 120Hz (Ω)	Typ ESR 20°C, 120Hz (Ω)
160 (200) 2C	10	10×16	320	13.3	7
	22	10×20	500	6	3.5
	33	10×20	650	4	2.5
	47	10×20	750	2.8	1.7
	68	12.5×20	1180	2	1.1
		16×20	1180	2	1.1
	100	12.5×25	1420	1.3	0.7
		16×20	1420	1.3	0.7
	150	16×25	1890	0.9	0.48
	220	18×25	2370	0.6	0.32
200 (250) 2D	4.7	10×12.5	200	28.2	15
	6.8	10×16	220	19.5	10.5
	10	10×16	320	13.3	7
	22	10×20	500	6	3.2
	33	10×20	650	4	2.2
	47	12.5×20	980	2.8	1.5
	68	12.5×25	1300	2	1.1
		16×20	1300	2	1.1
	100	16×20	1420	1.3	0.7
	150	16×25	1890	0.9	0.48
250 (300) 2E	4.7	10×12.5	200	28.2	15
	6.8	10×16	250	19.5	10.5
	10	10×16	320	13.3	7
	22	10×20	500	6	3.2
	33	12.5×20	800	4	2.2
	47	12.5×25	980	2.8	1.5
	68	16×20	1300	2	1.1
	100	16×25	1530	1.3	0.7
	150	18×25	1940	0.9	0.48
350 (400) 2V	1.5	10×12.5	100	106	60
	2.2	10×12.5	140	72.4	41
	3.3	10×12.5	180	48.3	28
	4.7	10×16	220	33.9	19
	5.6	10×16	250	28.4	16
	6.8	10×20	280	23.4	13
	10	10×20	350	15.9	9
	22	12.5×20	650	7.2	4.1
	33	16×20	900	4.8	2.7
	47	16×20	1080	3.4	1.9
	68	18×25	1470	2.3	1.3

U _R (Surge Voltage) Code(V)	Capacitance (μF)	Size ΦD×L (mm)	Rated ripple current 105°C, 120Hz (mA _{rms})	Max ESR 20°C, 120Hz (Ω)	Typ ESR 20°C, 120Hz (Ω)
400 (450) 2G	1	10×12.5	70	160	60
	1.5	10×12.5	100	107	40
	2.2	10×12.5	140	72.4	27
	3.3	10×16	180	48.3	19
	4.7	10×16	220	33.9	13.5
	5.6	10×20	250	28.4	11.5
	6.8	10×20	280	23.4	9.5
	10	10×20	350	15.9	6.4
	15	12.5×20	550	10.6	4.3
	22	12.5×25	760	7.2	2.9
		16×20	760	7.2	2.9
	33	16×20	900	4.8	1.9
	47	16×25	1180	3.4	1.4
	68	18×25	1470	2.3	0.9
450 (500) 2W	2.2	10×16	150	72.4	29
	3.3	10×16	180	48.3	19
	4.7	10×20	220	33.9	13.5
	5.6	10×20	250	28.4	11.5
	6.8	10×20	280	23.4	9.5
	10	12.5×20	450	15.9	6.5
	15	12.5×25	600	10.6	4.3
	22	16×20	730	7.2	2.9
	33	16×25	980	4.8	1.9
	47	18×25	1200	3.4	1.4