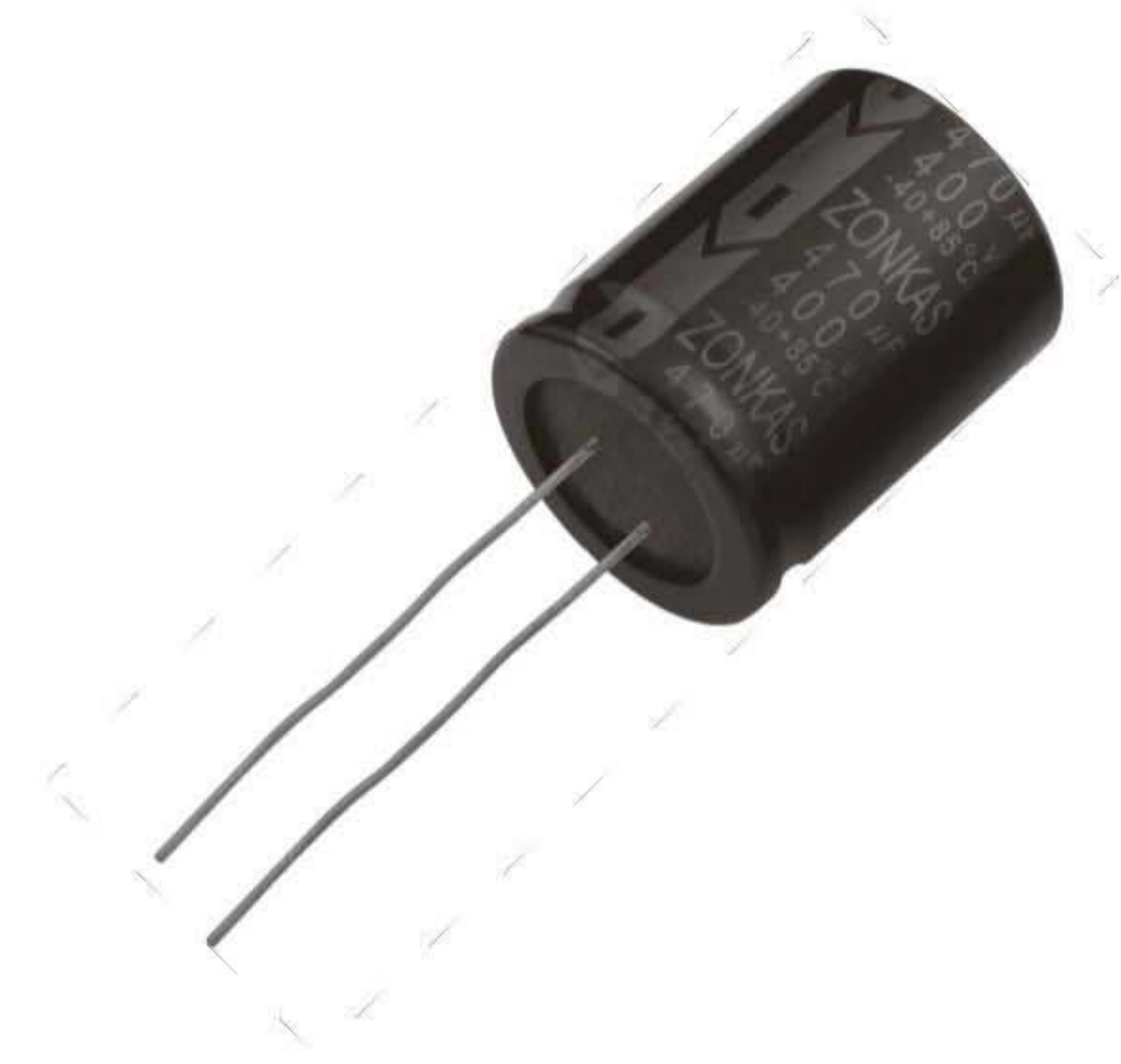


KLB Series Features 高電壓長壽命5000~10000小時品

- Used in electronic ballast, switching power supply, industrial measuring instruments, automotive applications, etc.
- Load life 5000 Hrs at 105°C
- Safety vent construction design.



Specifications

No	Item	Performance Characteristics														
1	使用温度範圍 Operating Temperature Range	-25 to +105°C														
2	定格電壓範圍 Rated Voltage Range	160 to 450 VDC														
3	靜電容量範圍 Capacitance Tolerance	4.7 to 220uF														
4	靜電容量容許差 Capacitance Range	±20%(120Hz, +20°C)														
5	漏電電流 Leakage Current(+20°C, max.)	$I \leq 0.04 CV+100(\mu A)$ After 1 minute with rated working voltage applied.														
6	損失角 Dissipation Factor(tan δ)	<table border="1"> <tr> <td>Working Voltage (VDC)</td> <td>160</td> <td>200</td> <td>250</td> <td>350</td> <td>400</td> <td>450</td> </tr> <tr> <td>D.F.(%) Max</td> <td>0.15</td> <td>0.15</td> <td>0.15</td> <td>0.20</td> <td>0.22</td> <td>0.22</td> </tr> </table> (+20°C, at 120Hz)	Working Voltage (VDC)	160	200	250	350	400	450	D.F.(%) Max	0.15	0.15	0.15	0.20	0.22	0.22
Working Voltage (VDC)	160	200	250	350	400	450										
D.F.(%) Max	0.15	0.15	0.15	0.20	0.22	0.22										
7	温度特性 Low Temperature Characteristics (120Hz)	Impedance ratio max. <table border="1"> <tr> <td>Working Voltage (VDC)</td> <td>160</td> <td>200</td> <td>250</td> <td>350</td> <td>400</td> <td>450</td> </tr> <tr> <td>Z-25°C/Z+20°C</td> <td>3</td> <td>3</td> <td>3</td> <td>6</td> <td>6</td> <td>6</td> </tr> </table>	Working Voltage (VDC)	160	200	250	350	400	450	Z-25°C/Z+20°C	3	3	3	6	6	6
Working Voltage (VDC)	160	200	250	350	400	450										
Z-25°C/Z+20°C	3	3	3	6	6	6										
8	高温負荷特性 Load Life	Test conditions Duration time :10000Hrs Ambient temperature:+105°C Applied voltage: Rated DC working voltage <table border="1"> <tr> <td>H=17mm</td> <td>5000Hr</td> </tr> <tr> <td>H=21mm</td> <td>7000Hr</td> </tr> </table> After test requirements at +20°C Capacitance change: ≤ ±20% of the initial measured value Dissipation factor: ≤200% of the initial specified value Leskage current: ≤The initial specified value	H=17mm	5000Hr	H=21mm	7000Hr										
H=17mm	5000Hr															
H=21mm	7000Hr															
9	高温無負荷特性 Shelf Life	Test conditions Duration time :1000Hrs Ambient temperature:+105°C Applied voltage: None After test requirements at +20°C: Same limits as Load life. Pre-treatment for measurements shall be conducted after application of DC working voltage for 30 minutes.														