

ALUMINUM ELECTROLYTIC CAPACITOR

KL SERIES

大容量品 LARGE CAPACITANCE [AUXILIARY LEAD]

- * 設有輔助端子，增加使用於PCB之牢固性及耐振性
- * 適用於一般電子設備，例如：電視機或音響等
- * Has an auxiliary terminal, which will make affixing to PCB easier and also withstands vibration excellently.
- * Suitable for electronic equipment, such as TV sets or stereos, etc.

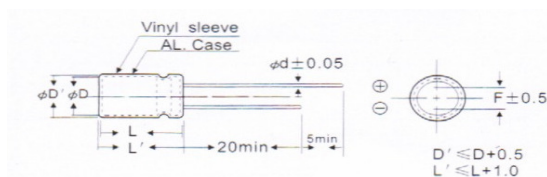
SPECIFICATION

Item	Characteristic												
使用溫度範圍 Operation Temperature Range	-40°C ~ +85°C						-25°C ~ +85°C						
額定電壓 Rated Working Voltage	6.3 ~ 100V DC						160 ~ 400V DC						
靜電容量容許差 (120Hz 25°C) Capacitance Tolerance	±20%(M)												
漏洩電流 Leakage Current	$I \leq 0.03CV$ or $3(mA)$ I: Leakage Current (u A) C: Rated Capacitance (u F) V: Working Voltage (V) whichever is greater after 5 minutes												
湧浪電壓 (25°C) Surge Voltage	W.V.	10	16	25	35	50	63	100	160	200	250	350	400
	S.V.	13	20	32	44	63	79	125	200	250	300	400	450
散逸因素 (120Hz 25°C) Dissipation Factor (tan δ)	Rated Voltage 【V】	10	16	25	35	50~63	100	160~250	350~400				
	tan δ	CV ≤ 100,000	0.50	0.40	0.35	0.25	0.25	0.20	0.20	0.20	0.25		
		CV > 100,000	0.60	0.50	0.45	0.35	0.30	0.25	0.20	0.25			
低溫特性 Low Temperature Stability	Impedance ratio max. at 120Hz												
	Rated Voltage 【V】	10	16	25	35	50~63	100	160~250	350~400				
	-25°C / +25°C	3	3	3	3	3	3	3	8	8			
	-40°C / +25°C	12	12	10	6	4	4						
高溫負荷特性 High Temperature Loading	After 2000 hours application of W.V. at +85°C the capacitor shall meet the following limits												
	Capacitance Change	≤ ±20% of initial value											
	Dissipation Factor	≤ 150% of initial specified value											
	Leakage Current	≤ initial specified value											
放置特性 Shelf Life	At 85°C no voltage applied after 500 hours the capacitor shall meet the following limits												
	Capacitance Change	≤ ±20% of initial value											
	Dissipation Factor	≤ 150% of initial specified value											
	Leakage Current	≤ 200% of initial specified value											

CASE SIZE OF RADIAL TYPE

D	22	25	30
F	10.0	12.5	15
d	1.0		

[KLR]



[KLG]

