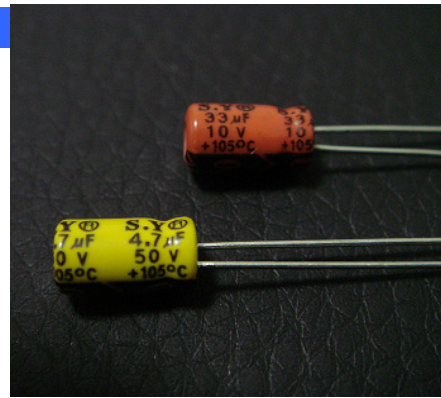


ALUMINUM ELECTROLYTIC CAPACITOR

LL SERIES

低漏電流品 LOW LEAKAGE CURRENT

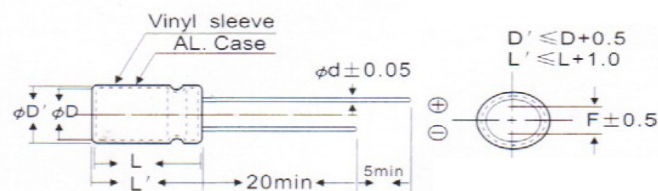
- *在高溫無負荷或者常溫長期放置後，尚能保持良好的，低漏電流及特性。
- *適用於Hi-Fi之前置放大器，TV之震盪回路。
- * Leakage current is very low after subjected to high temperaturer, no-load condition,or after long period of storage normal temperatuer.
- * Suitable for HI-FI pre-amplifiers and TV oscillation loop circuits.



Item	Characteristic							
使用溫度範圍 Operation Temperature Range	-40°C ~ +105°C							
額定電壓 Rated Working Voltage	10~63V DC							
靜電容量容許差 (120Hz 25°C) Capacitance Tolerance	±20%(M)							
漏洩電流 (25°C) Leakage Current	$1 \leq 0.004CV$ or $0.4 (\mu A)$ Under 1 K Ω resistor series and rated voltage applied after 1 minute Whichever is greater. I: Leakage Current (μA) C: Rated Capacitance (μF) V: Working Voltage (V)							
湧浪電壓 (25°C) Surge Voltage	W.V.	10	16	25	35	50	63	
散逸因素 (120Hz 25°C) Dissipation Factor ($\tan \delta$)	S.V.	13	20	32	44	63	79	
低溫特性 Low Temperature Stability	W.V.	10	16	25	35	50	63	
	$\tan \delta$	0.20	0.17	0.15	0.12	0.10	0.10	
高溫負荷特性 High Temperature Loading	impedance ratio max, at 120Hz							
	Rated Voltage 【V】	4	6.3	10	16	25	35	63
	-40°C/+25°C	15	8	6	4	4	3	3
	After 1000 hours application of W.V. at +105°C the capacitor shall meet the following limits							
	Capacitance Change	$\leq \pm 15\%$ of initial value						
	Dissipation Factor	$\leq 150\%$ of initial specified value						
	Leakage Current	$\leq$ initial specified value						

CASE SIZE OF RADIAL TYPE

D	5	6	8	10	13
F	2.0	2.5	3.5	5.0	
d	0.5			0.60	



Case Size: D×L (mm)

Max ripple current: m A(rms)

(R.C.) 105°C 120Hz

CASE SIZE & MAX RIPPLE CURRENT

u F	WV	10		16		25		35		50		63	
	ITEM	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.
0.1										4x7 5x11	6	5x11	6
0.22										4x7 5x11	9	5x11	9
0.33										4x7 5x11	11	5x11	11
0.47										4x7 5x11	13	5x11	13
1.0										4x7 5x11	19	5x11	19
2.2										4x7 5x11	29	5x11	29
3.3										4x7 5x11	35	5x11	35
4.7						5x11	34	5x11	38	6x11	48	6x11	48
10				4x7 5x11	47	5x11	55	6x11	65	8x11	80	8x11	80
22		5x11	65	4x7 5x11	80	5x11	95	8x11	110	8x14	130	10x16	140
33		6x11	90	6x7 6x11	95	6x11	120	8x11	140	10x16	170	10x16	170
47		6x11	110	6x11	130	6x11	150	8x14	170	10x16	210	10x21	230
100		6x11	180	6x11	210	6x11	250	8x14	310	10x21	340	13x21	380
220		6x11	310	6x11	380	8x11	410	8x14	510				
330		8x11	430	8x14	480	8x14	560	10x16	720				
470		8x11	530	8x14	570	10x16	820	10x17	950				
1000		13x21	840										