



Aluminum Electrolytic Capacitor

SMR Series

SUPER MINATURE SIZE 小形品



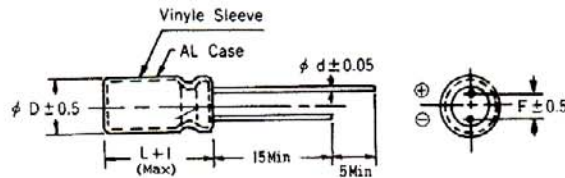
Super miniature aluminum electrolytic capacitors suitable for high-density electronic equipment
適用於輕薄短小高密度之電子設備

SPECIFICATION 電氣特性

ITEM	CHARACTERISTICS							
使用溫度範圍 Operation Temperature Range	-40°C ~ +85 °C							
額定電壓 Rated Working Voltage	6.3~63VDC							
靜電容量容許差 (120Hz, 25 °C) Capacitance Tolerance	± 20%(M)							
漏洩電流 (25 °C) Leakage Current	I ≤ 0.01CV or 3 (µA) Whichever is greater after 3 minutes						I: Leakage Current (µA) C: Rated Capacitance (µF) V: Working Voltage (V)	
散逸因素 (120Hz, 25 °C) Dissipation Factor (tan δ)	W.V.	6.3	10	16	25	35	50	63
	tan δ	0.24	0.20	0.17	0.15	0.12	0.10	0.10
高溫負荷特性 Load Life	After 1000 hours application of W.V. at +85 °C the capacitor shall meet the following limits.							
	Capacitance Change				± 20% of initial value			
	Dissipation Factor				± 200% of initial specified value			
	Leakage Current				± initial specified value			

CASE SIZE OF RADIAL TYPE

D	4	5	6	8
F	1.5	2.0	2.5	3.5
d	0.45		0.5	



CASE SIZE & MAX RIPPLE CURRENT

Case size : DxL (mm)
Max ripple current : mA (rms)
(R.C.) : 85°C 120Hz

µF	WV	6.3		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.	DxL	R.C.
0.1												4x7	3	4x7	3
0.22												4x7	5	4x7	5
0.33												4x7	6	4x7	6
0.47												4x7	7	4x7	7
1.0												4x7	11	4x7	11
2.2												4x7	16	4x7	16
3.3												4x7	20	5x7	22
4.7												4x7	27	6.3x7	31
10						4x7	26	4x7	28	5x7	36	6.3x7	45		
22		4x7	33	4x7	36	4x7	39	5x7	47	6.3x7	60				
33		4x7	40	4x7	44	5x7	55	6.3x7	65						
47		5x7	55	5x7	60	6.3x7	75								
100		6.3x7	90	6.3x7	100	6.3x7	110								