



Aluminum Electrolytic Capacitor

GHA Series

HIGH TEMPERATURE FOR GENERAL USE 105 °C
高温度標準品

- The GHA series is fit for those consumer product which require high tmeperature and high reliability.
- 本系列適合一般高温度及信賴性較高之消費性產品。

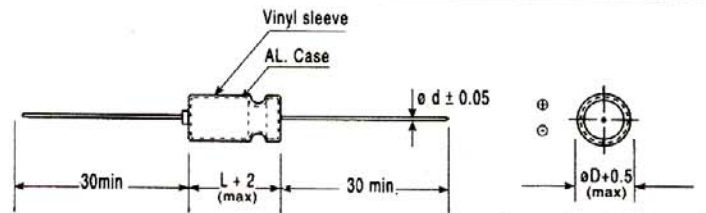


SPECIFICATION 電氣特性

ITEM	CHARACTERISTICS											
容量容許差 (120Hz 25 °C) Capacitance Tolerance	± 20%(M)	± 10%(K)										
額定電壓 Rated Working Voltage	6.3~100VDC	160~400VDC										
使用溫度範圍 Operation Temperature Range	-40~+105 °C	-25~+105 °C										
漏洩電流 (25 °C) Leakage Current	$1 \leq 0.01CV+4$ (μA)	$1 \leq 0.03CV+20$ μA max										
散逸因素 (120Hz 25 °C) Dissipation Factor ($\tan \delta$)	Whichever is greater after 3 minutes I:Leakage Current (μA)C:Rated Capacitance (μF) V:Working Voltage (v)											
	Add 0.02 per 1000 μF for more than 1000 μF											
	W.V.	6.3	10	16	25	35	50	63	80	100	160~250	315~450
低溫特性 Low Temperature Stability	Impedance ratio at 120Hz											
	rated Voltage (V)	6.3	10	16	25	35~100	160~250	315~450				
	-25 °C / +25 °C	4	3	2	2	2	8	20				
	-40 °C / +25 °C	10	8	6	4	3						
高溫負荷特性 Load Life	After 1000 hours application of W.V. at +105 °C the capacitor shall meet the following limits.											
	Capacitance Change	$\leq \pm 25\%$ of initial value										
	Dissipation Factor	$\leq 200\%$ of initial specified value										
	Leakage Current	\leq initial specified value										
放置特性 Shelf Life	After 1000 hours application of W.V. at +105 °C the capacitor shall meet the following limits.											
	Capacitance Change	$\leq \pm 20\%$ of initial value										
	Dissipation Factor	$\leq 200\%$ of initial specified value										
	Leakage Current	$\leq 200\%$ of initial specified value										

CASE SIZE OF AXIAL TYPE

D	6.3	8	10	13	16	18
d	0.6					0.8



Case size : D x L (mm)

μF \ WV	6.3	10	16	25	35	50	63	100	160	200	250	350	400
0.47					→	6.3x13	→	6.3x13	6.3x13	6.3x13	6.3x13	6.3x16	6.3x16
1					→	6.3x13	→	6.3x13	6.3x13	6.3x13	6.3x16	8x16	8x16
2.2					→	6.3x13	→	6.3x13	6.3x16	6.3x16	8x16	8x21	8x21
3.3					→	6.3x13	→	6.3x13	8x16	8x16	8x16	10x22	10x22
4.7					→	6.3x13	→	6.3x13	8x16	8x16	10x22	10x27	10x27
10					→	6.3x13	6.3x13	6.3x16	10x22	10x22	10x27	13x27	13x27
22				→	6.3x13	6.3x16	6.3x16	8x16	10x27	13x27	13x27	13x32	16x33
33			→	6.3x13	6.3x16	6.3x16	6.3x16	8x21	13x27	13x32	13x32	16x33	16x43
47	→	6.3x13	6.3x13	6.3x16	6.3x16	6.3x16	8x16	8x21	13x32	13x32	13x35	18x43	
100	6.3x13	6.3x16	6.3x16	6.3x16	8x16	8x16	8x21	10x27	16x33	16x43	16x43		
220	6.3x16	6.3x16	8x16	8x16	8x21	10x22	10x27	13x32	18x43				
330	8x16	8x16	8x16	8x21	10x22	10x27	13x27	13x35					
470	8x16	8x16	8x21	10x22	10x27	13x27	13x32	16x43					
1000	10x22	10x22	10x27	13x27	13x32	13x35	16x33						
2200	13x27	13x27	13x32	13x35	16x33	18x43							
3300	13x27	13x32	13x35	16x33	16x43								
4700	13x32	13x35	16x33	18x43									
8800	16x33	16x33	16x43										
10000	16x43	18x43											