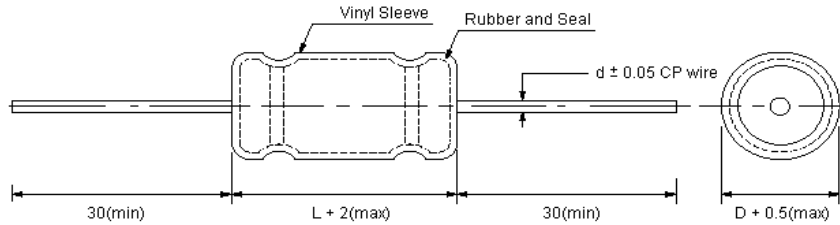


■ **FEATURES**

- ◆ 120Hz nonpolar standard with axial type
- ◆ Load life of 1000 hours at 85°C
- ◆ Applications for use in circuits which has a reversed or unknown polarity

■ **OUTLINE**



		mm					
D		6	8	10	13	16	18
d		0.6				0.8	

■ **SPECIFICATIONS**

Items	Characteristics									
Capacitance Tolerance (120Hz, 25°C)	± 20% (M)									
Rated Working Voltage Range	6.3 ~ 100Vdc									
Operation Temperature	-40°C ~ +85°C									
Leakage Current (25°C)	(Value measured 5 minutes after applying rated voltage)									
	I ≤ 0.03CV + 3 (μA)									
	◆ I : Leakage Current (μA)			◆ C : Rated Capacitance (μF)				◆ V : Working Voltage (V)		
Surge Voltage (25°C)	W.V.	6.3	10	16	25	35	50	63	100	
	S.V.	8	13	20	32	44	63	79	125	
Dissipation Factor (120Hz, 25°C)	W.V.	6.3	10	16	25	35	50	63	100	
	tan δ	0.35	0.30	0.25	0.25	0.25	0.20	0.20	0.20	
Temperature Characteristics	W.V.	6.3	10	16	25	35	50	63	100	
	- 25°C / + 25°C	4	3	3	2	2	2	2	2	
	- 40°C / + 25°C	8	6	6	4	4	3	3	3	
	◆ Impedance ratio at 120Hz									
Load Test	After 1000 hours application of WV at +85°C, the capacitor shall meet the following limits:									
	Capacitance Change	≤ ± 25% of initial value								
	tan δ	≤ 200% of initial specified value								
	Leakage Current	≤ initial specified value								
Shelf Test	After 500 hours, no voltage applied at +85°C, the capacitor shall meet the following limits:									
	Capacitance Change	≤ ± 25% of initial value								
	tan δ	≤ 200% of initial specified value								
	Leakage Current	≤ 200% of initial specified value								



**RoHS Compliant ALUMINIUM ELECTROLYTIC CAPACITOR**

**NA Series**

■ **DIMENSIONS**

**D x L (mm)**

uF \ WV	6.3	10	16	25	35	50	63	100
0.47					]	6X17	6X17	8X17
1					]	6X17	6X17	8X17
2.2					]	6X17	6X17	8X17
3.3					]	6X17	6X17	8X17
4.7					]	6X17	6X17	10X20
10					]	8X19	8X19	13X27
22					]	8X19	10X20	13X27
33	]	8X19	8X19	8X19	8X19	10X20	10X20	13X27
47	8X19	8X19	8X19	10X20	10X20	10X20	10X20	18X40
100	10X24	10X24	10X24	10X24	13X27	13X30	13X30	
220	10X27	10X27	10X27	13X27	16X34	16X40	16X40	
330	13X33	13X33	13X33	13X33	16X40	18X40		
470	13X33	13X33	13X33	13X33	16X40	18X40		

■ **PERMISSIBLE RIPPLE CURRENT**

**mA (rms) at 120Hz 85°C**

uF \ WV	6.3	10	16	25	35	50	63	100
0.47					]	10	10	13
1					]	16	16	20
2.2					]	24	24	32
3.3					]	29	35	47
4.7					]	39	42	55
10					]	67	70	95
22					]	109	124	171
33	]	73	93	100	119	143	166	210
47	80	88	109	133	157	181	219	271
100	133	183	195	228	271	295	390	
220	223	242	314	371	494	542	627	
330	295	361	423	551	599	751		
470	380	447	542	656	779	960		