

ALUMINUM ELECTROLYTIC CAPACITORS

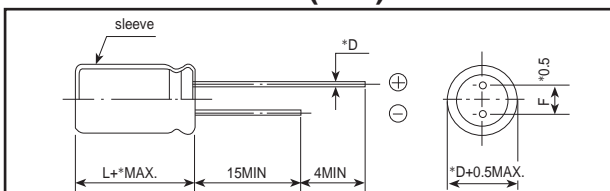
NP series NON-POLAR TYPE

- Non-polar capacitors are designed for circuits with reversing polarity
- Units of ¥6.3 or more are furnished with safety case vents.
- Solvant proof

* SPECIFICATIONS

Items	Performance Characteristics																										
Operating Temperature Range	-40~+85*																										
Voltage Range	6.3 ~ 100V																										
Capacitance Range	0.47~6800*F																										
Capacitance Tolerance	*20% at 120Hz,25*																										
Leakage Current(MAX)	After 5 minutes application of rated voltage,leakage current is not more than 0.03CV or 3 (*A),whichever is greater.																										
(tan *)	<table border="1"> <tr> <td>Rated voltage(V)</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>100</td> </tr> <tr> <td>tan*(MAX)</td> <td>0.26</td> <td>0.24</td> <td>0.22</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> </tr> </table>	Rated voltage(V)	6.3	10	16	25	35	50	63	100	tan*(MAX)	0.26	0.24	0.22	0.20	0.16	0.14	0.12	0.10								
	Rated voltage(V)	6.3	10	16	25	35	50	63	100																		
tan*(MAX)	0.26	0.24	0.22	0.20	0.16	0.14	0.12	0.10																			
For capacitance of more than 1000*F, add 0.02 for every incredse of 1000*F, Measurement frequency: 120Hz, Temperature: 25*																											
Stability at Low Temperature	Measurement frequency:120Hz																										
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Load Life	After 2000 hours' application of rated voltage at 85* with the polarity inverted every 250 hours, capacitors meet the characteristics requirements listed at righ.																										
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Shelf Life	After leaving capacitors under no load of 85* for 1000 hours and applying voltage according to JIS C-5102 4-3, they meet the specified value for load life characteristics listed above.																										
Standards	According to JIS C-5141																										

* DIMENSIONS (mm)



*D	5	6.3	8	10	13	16	18
*d	0.5	0.5	0.6	0.6	0.6	0.8	0.8
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5
*	1.5			2.0			

CATALOG NUMBERING SYSTEM (Example:10V 100*F)

