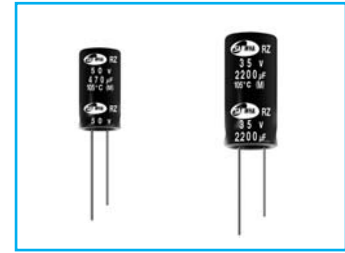


MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS

RZ Extremely Low Impedance Series

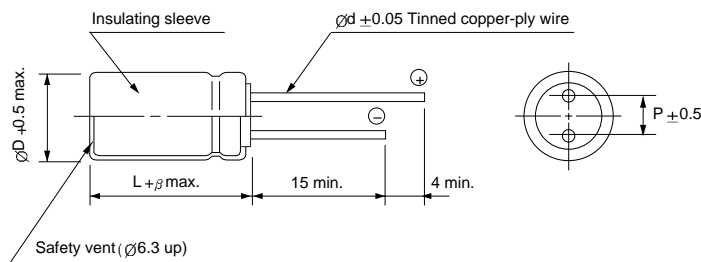
- Extremely low impedance at high frequency
- High reliability withstanding 5000 hours load life at 105°C (2000/3000 hours for smaller case sizes as specified below)
- Ideally suited for use in switching power supplies



Item	Characteristics															
Operating temperature range	-55 ~ +105°C															
Leakage current max.	I = 0.01CV or 3μA whichever is greater (after 2 minutes) I = 0.03CV or 4μA whichever is greater (after 1 minute)															
Capacitance tolerance	±20% at 120Hz, 20°C															
Dissipation factor max. (at 120Hz, 20°C)	Capacitance > 1000μF : tanδ increases by 0.02 for each 1000μF from below value															
	<table border="1"> <tr> <td>WV</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> </tr> <tr> <td>tan δ</td> <td>0.22</td> <td>0.19</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.08</td> </tr> </table>	WV	6.3	10	16	25	35	50	63	tan δ	0.22	0.19	0.16	0.14	0.12	0.10
WV	6.3	10	16	25	35	50	63									
tan δ	0.22	0.19	0.16	0.14	0.12	0.10	0.08									
Low temperature characteristics (Impedance ratio at 120Hz)	<table border="1"> <tr> <td>WV</td> <td>6.3, 10</td> <td>16~35</td> <td>50, 63</td> </tr> <tr> <td>Z-55°C/Z+20°C</td> <td>4</td> <td>3</td> <td>2</td> </tr> </table>	WV	6.3, 10	16~35	50, 63	Z-55°C/Z+20°C	4	3	2							
	WV	6.3, 10	16~35	50, 63												
Z-55°C/Z+20°C	4	3	2													
Load life (after application of the rated voltage for 5000 hours at 105°C)	Leakage current	Less than specified value														
	Capacitance change	Within ±20% of initial value														
	tan δ	Less than 200% of specified value														
	Ø5, 6.3 products are for 2000 hours, Ø8 products are for 3000 hours															
Shelf life (after leaving capacitors under no load at 105°C for 1000 hours)	Leakage current	Less than specified value														
	Capacitance change	Within ±20% of initial value														
	tan δ	Less than 150% of specified value														

● DRAWING

Unit : mm



ØD	5	6.3	8	10	12.5	16	18
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5
Ød	0.5	0.5	0.6	0.6	0.6	0.8	0.8
β	1.0			2.0			

