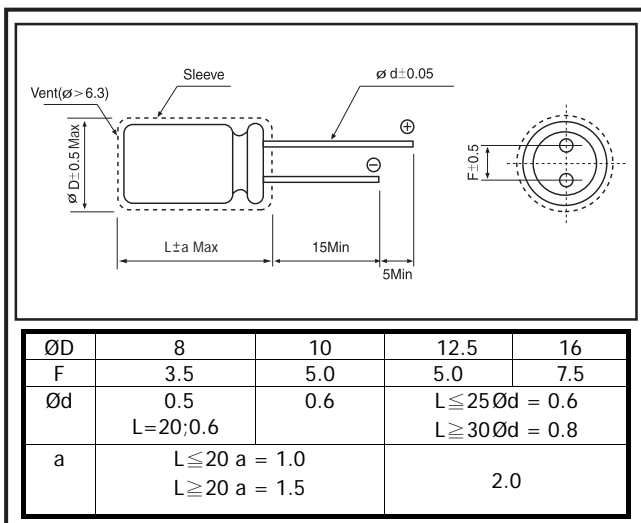


- Load Life of 4,000~6,000 Hours at 105°C
- Reduction of impedance
- Excellent Ripple Current Capability

■ SPECIFICATIONS

Operating Temperature Range	-40~+105°C																																	
Rated Voltage Range	6.3 ~50V																																	
Capacitance Range	100~6800uF																																	
Capacitance Tolerance	±20% (at 20°C, 120Hz)																																	
Leakage Current	I ≤ 0.01CV whichever is greater (at 20°C, after 2 minutes) I: Leakage Current (uA) C: Nominal Capacitance (uF) V: Rated Voltage (V)																																	
Dissipation Factor (At 20°C, 120Hz)	<table border="1"> <tr> <th>Rated Voltage (V)</th> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <th>tan δ</th> <td>0.22</td> <td>0.19</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	tan δ	0.22	0.19	0.16	0.14	0.12	0.10														
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tan δ	0.22	0.19	0.16	0.14	0.12	0.10																												
When nominal capacitance is over 1000uF, tan δ shall be added 0.02 to the listed value with every increase of 1000uF																																		
Temperature Characteristics (Impedance Ratio at 120Hz)	<table border="1"> <tr> <th>W.V</th> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <th>Z(-40°C)/Z(+20°C)</th> <td>8</td> <td>6</td> <td>4</td> <td>4</td> <td>3</td> <td>3</td> </tr> </table>						W.V	6.3	10	16	25	35	50	Z(-40°C)/Z(+20°C)	8	6	4	4	3	3														
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Load Life (+105°C)	<table border="1"> <tr> <th>Time</th> <td colspan="4">4,000~6,000 hours after an application of DC bias voltage plus the rated ripple current. The peak voltage shall not exceed rated DC voltage</td> <th>Diam.</th> <th>Life</th> </tr> <tr> <th>Capacitance Change</th> <td colspan="4">Within ±25% of the initial value</td> <td>Ø8</td> <td>4000Hrs</td> </tr> <tr> <th>Dissipation Factor</th> <td colspan="4">200% of the initial specified value or less</td> <td>Ø10</td> <td>5000Hrs</td> </tr> <tr> <th>Leakage Current</th> <td colspan="4">The specified value or less</td> <td>Ø>10</td> <td>6000Hrs</td> </tr> </table>						Time	4,000~6,000 hours after an application of DC bias voltage plus the rated ripple current. The peak voltage shall not exceed rated DC voltage				Diam.	Life	Capacitance Change	Within ±25% of the initial value				Ø8	4000Hrs	Dissipation Factor	200% of the initial specified value or less				Ø10	5000Hrs	Leakage Current	The specified value or less				Ø>10	6000Hrs
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Shelf Life (+105°C)	After leaving the capacitor under on load at 105°C for 1000 hours, they meet the specified value for load life characteristics listed above.																																	

■ DIMENSION



■ MULTIPLIER FOR RIPPLE CURRENT

Frequency Coefficient

Cap (uF) \ Freq(Hz)	120	1K	10K	100K
100~220	0.40	0.75	0.90	1.0
330~560	0.50	0.85	0.90	1.0
680~1800	0.60	0.85	0.95	1.0
2200~6800	0.75	0.90	0.95	1.0

