ALUMINUM ELECTROLYTIC CAPACITORS

- Polarized aluminum electrolytic capacitors, non-solid
- Pressure relief
- Long useful life: 5000 hours at 105 °C
- High rated voltage, up to 450V
- High-reliability and professional applications
- Lighting, monitors, general industrial
- Filtering of high voltages in power supplies

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Item</th>
<th>Characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature Range (°C)</td>
<td>±20%</td>
</tr>
<tr>
<td>Rated Voltage Range</td>
<td>CV ≤ 1000 Characteristics: &lt;0.05CV+40 CV &gt;1000 Characteristics: &lt;0.03CV+70 (at 20 °C, after 1 minute) C: Nominal Capacitance (μ F), V: Rated Voltage (V)</td>
</tr>
<tr>
<td>Capacitance Tolerance (20 °C, 100Hz)</td>
<td>±20%</td>
</tr>
<tr>
<td>Leakage Current (μ A)</td>
<td>CV ≤ 1000 Characteristics: &lt;0.05CV+40 CV &gt;1000 Characteristics: &lt;0.03CV+70 (at 20 °C, after 1 minute) C: Nominal Capacitance (μ F), V: Rated Voltage (V)</td>
</tr>
<tr>
<td>Dissipation Factor (20 °C, 100Hz)</td>
<td>tan δ</td>
</tr>
<tr>
<td>Temperature Stability (100Hz)</td>
<td>WV(v)</td>
</tr>
<tr>
<td>Load Life (+105 °C)</td>
<td>WV(v)</td>
</tr>
<tr>
<td>Shelf Life (+105 °C)</td>
<td>WV(v)</td>
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<td></td>
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<tr>
<td></td>
<td>tan δ</td>
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<tr>
<td></td>
<td>Z-40/Z+20°C</td>
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<tr>
<td></td>
<td>WV(v)</td>
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<tr>
<td></td>
<td>Z-40/Z+20°C</td>
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*After test: U0 to be applied for 30 minutes, 24 to 48 hours before measurement.

### DIMENSIONS

<table>
<thead>
<tr>
<th>Item</th>
<th>mm</th>
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<tbody>
<tr>
<td>D</td>
<td>10</td>
</tr>
<tr>
<td>F</td>
<td>5.0</td>
</tr>
<tr>
<td>d</td>
<td>0.6</td>
</tr>
<tr>
<td>a</td>
<td>L ≤ 16.1:5 L &gt; 16.2:0</td>
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</tbody>
</table>

### MULTIPLIER FOR RIPPLE CURRENT

<table>
<thead>
<tr>
<th>Frequency coefficient</th>
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<tr>
<td>factor (Hz)</td>
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<table>
<thead>
<tr>
<th>Temperature coefficient</th>
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<td>factor (°C)</td>
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