AC Pulse & Metallized Polypropylene Axial Film Capacitors  
Series Code 129, 132

Main Application
SMPS, electronic ballast, resonant capacitor, snubber application with high voltage and high current.

Construction
Series constructed polypropylene film, aluminium foil and metallized polypropylene film as internal electrodes wrapped with polyester tape filled with resin.

Climatic Category
40/100/21

Rated and Maximum Operating Temperature
85°C & 100°C

Applicable Specification
IEC 384-16

Capacitance Value Range
0.001µF-1.0µF

Rated Voltage
400VDC-1600VDC

Capacitance Tolerance
±5%, ±10%

Insulation Resistance
Between leads > 10000 MΩ
Between interconnected leads and case >100000MΩ

Voltage Proof
Between terminals: 1.6 times of rated voltage for 2 sec.

Tan δ

<table>
<thead>
<tr>
<th>Frequency(kHz)</th>
<th>Cn&lt;0.1µF</th>
<th>0.1µF ≤ Cn ≤ 1µF</th>
</tr>
</thead>
<tbody>
<tr>
<td>At 1</td>
<td>0.05%</td>
<td>0.08%</td>
</tr>
<tr>
<td>At 10</td>
<td>0.1%</td>
<td>0.15%</td>
</tr>
<tr>
<td>At 100</td>
<td>0.3%</td>
<td>0.5%</td>
</tr>
</tbody>
</table>

Life Test Conditions
(Loaded at elevated temperature)
Loaded at 1.25 times the rated DC voltage at 85°C for 1000 hours.

After the test
ΔC/C: ≤ 10% of initial value.
Increase in Tan δ: ≤ 0.004
Insulation resistance: ≥ 50% of the value mentioned in IR chart.

AC & Pulse Metallized Round Axial Film Capacitors (Series Code-129)

AC & Pulse Metallized Flat Axial Film Capacitors (Series Code-132)

Note: For more details please contact info@dekielectronics.com