

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

PP/MPP-Tape Wrapped

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 > 100000 MΩ

Between interconnected leads and case >100000MΩ

Voltage Proof

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

Tan δ

Frequency(kHz)	$C_R < 0.1\mu F$	$0.1\mu F \leq C_R \leq 1\mu F$
At 1	0.05%	0.08%
At 10	0.1%	0.15%
At 100	0.3%	0.5%

Life Test Conditions

(Loading at elevated temperature)

Loaded at 1.25 times the rated DC voltage at 85° C for 1000 hours.

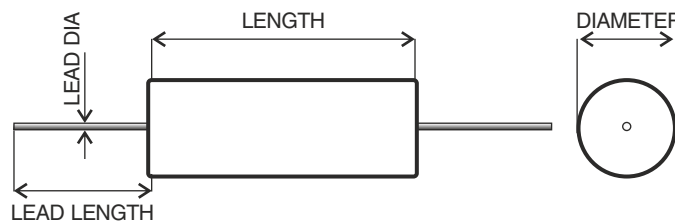
After the test

$\Delta C/C \leq 10\%$ of initial value.

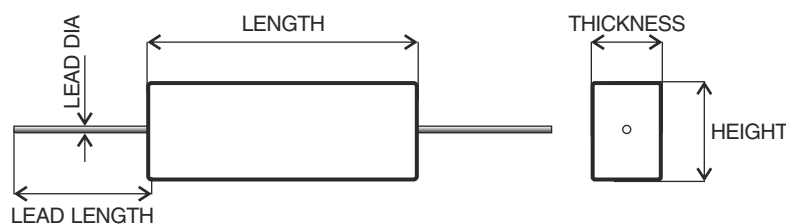
Increase in Tan δ: ≤ 0.004

Insulation resistance: $\geq 50\%$ 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