Deki
only better

Plain Polyester Axial Film Capacitors

Series Code
131

Non-Inductive (Tape Wrapped)

Main Application
Blocking, bypassing, filtering, coupling and decoupling, interference suppression in low voltage application, low pulse application.

Construction
Film/foil inductive type construction with aluminum foil as electrode and polyester film as dielectric wrapped in polyester tape filled with epoxy resin.

Climatic Category
40/105/21

Rated and Maximum Operating Temperature
85°C and 105°C

Applicable Specification
IEC 384-11

Capacitance Value
0.001µF- 1.0 µF

Rated Voltage
100VDC-1250VDC

Capacitance Tolerance
±5%, ±10%

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

Tan δ
0.8% (maximum) at 1 kHz.

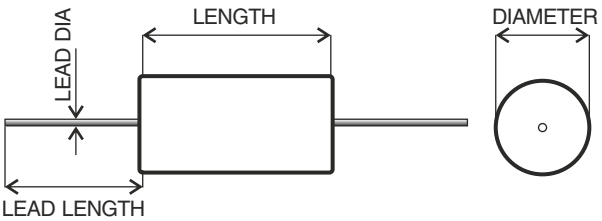
Life Test Conditions
(Loading at elevated temperature)
Loaded at 1.5 times of rated voltage at 85° C for 1000 hours.

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

Insulation Resistance

	$C_R \leq 0.33\mu F$	$C_R > 0.33\mu F$
Minimum Insulation Resistance R_{IS}	30000 MΩ	
(or) time constant $= C_R \times R_{IS}$		10000 s

at 25° C, relative humidity ≤70%



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