Plain Polyester Film Capacitors

Series Code 10, 11

Starter Applications for Lighting

Main Application
Suitable for radio interference suppression in starters for fluorescent lamps, compact fluorescent lamps and PL lamps.

Construction
Film/foil inductive type construction with aluminum foil as electrode and polyester (PET) film as dielectric coated with epoxy resin or impregnated in transparent epoxy resin.

Climatic Category
40/105/21

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

Applicable Specification
IEC 384-11, IEC-68

Capacitance Value
0.0033µF-0.0068µF

Capacitance Tolerance
±10%, ±20%

Insulation Resistance

	V_R	$C_R \leq 0.33\mu F$	$C_R > 0.33\ \mu F$
Minimum Insulation Resistance R_{IS} (or) time constant $T = C_R \times R_{IS}$ at 25° C, relative humidity ≤70%	≥500 V DC	50 GΩ	10000 s

Rated Voltage
630VDC-1000VDC

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

Tan δ
0.8% (maximum) at 1 kHz.

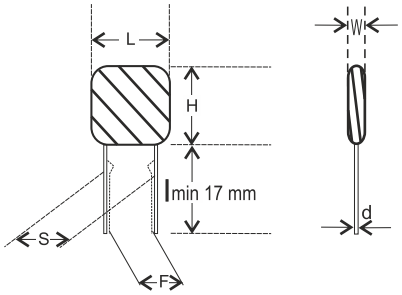
Life Test Conditions
(Loading at elevated temperature)
Loaded at 1.5 times of rated voltage at 85° C or 1.5 times of category voltage at 100° C 1000 hours.
Category voltage is 80% of rated voltage.

After the test
ΔC/C: ≤ 5% of initial value.
Increase of Tan δ: ≤ 0.01 or 1.2 times the value measured before the test, whichever is higher.
Insulation resistance: ≥ 50% of the value mentioned in IR chart.

Endurance Test
Deactivated lamp test as per IEC 155-1993.

Ordering code and packaging unit: Plain Polyester Film Capacitors (Starter Applications for Lighting) Dip Type

Rated Voltage	Rated Cap. (µF)	Dimensions (mm) W max.	H max.	T max.	d ±0.05	S ±0.5	F ±0.5	DV/DT V/µs	Wt. g	Ordering code	Packing units Ammo	Bulk
Epoxy Coated - Series Code 10												
630 VDC/	0.0033	8.5	15	4.5	0.5	5.0	5.0	10000	0.56	10 332 +2J*^	4500	2000
250 VAC	0.0047	8.5	15	4.5	0.5	5.0	5.0	10000	0.64	10 472 +2J*^	4500	2000
	0.006	8.5	15	4.5	0.5	5.5	5.0	10000	0.72	10 602 +2J*^	2000	2000
Only Impregnated - Series Code 11												
630 VDC/	0.003	10.0	14	4.0	0.5	5.0	5.0	10000	0.50	11 302 +2J*^	4500	2000
250 VAC	0.0033	8.5	15	4.5	0.5	5.0	5.0	10000	0.50	11 332 +2J*^	4500	2000
	0.0047	8.5	15	4.5	0.5	5.0	5.0	10000	0.60	11 472 +2J*^	4500	2000
	0.006	8.5	15	4.5	0.5	5.5	5.0	10000	0.65	11 602 +2J*^	2000	2000
1000 VDC/ 250 VAC	0.005	9.05	19	5.0	0.5	5.5	5.0	10000	0.68	11 502 +3A*^	4000	2000



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