

El-Ci-Ar PLAIN POLYPROPYLENE INDUCTIVE FILM CAPACITORS

MAIN APPLICATION: Electronic Ballasts.

CONSTRUCTION: Film / foil inductive type construction with aluminum foil as electrode and low loss polypropylene film as dielectric, impregnated and coated with epoxy resin.

MAX TEMP RATING: 85° C

CAPACITANCE VALUE: 0.0022 μ F ~ 0.0068

RATED VOLTAGE (DC):- 1250 VDC 1600 VDC

CAPACITANCE TOLERANCE: \pm 5%, \pm 10%.

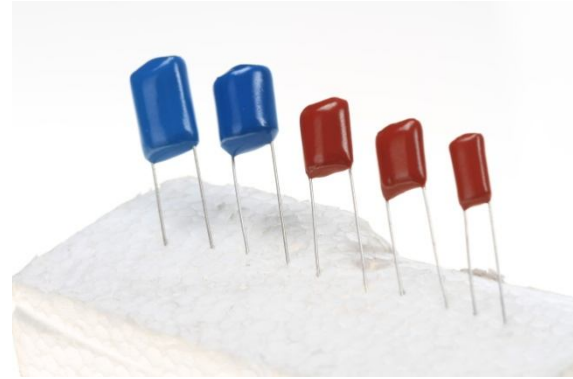
VOLTAGE PROOF: Between terminals: 1.6 x Rated Voltage for 2 seconds.

TAN δ : \leq 0.05 % at 1 KHz.

Insulation resistance: IR \geq 50000 M Ω at 500 VDC after 1 minute.

Dimensions :

Rated Voltage	Rated Capacitance	Maximum Dimensions(mm)						PCK. QTY.
		T Max	H Max	L Max	D \pm 0.05	P \pm 0.5		
630	0.0022	4.0	12.5	7.5	0.5	6.0	1000	
	0.0047	4.5	12.5	8.5	0.5	6.0	1000	
	0.0068	5.0	12.5	9.5	0.5	7.0	1000	
1250	0.0022	3.5	13.5	7.5	0.5	5.0	1000	
	0.0033	4.0	13.5	8.0	0.5	5.0	1000	
	0.0047	4.5	13.5	8.0	0.5	5.0	1000	
	0.0056	5.0	13.5	8.5	0.5	5.5	1000	
1600	0.0068	5.0	13.5	8.5	0.5	5.5	1000	
	0.0022	4.0	13.5	9.0	0.5	6.0	1000	
	0.0033	4.5	13.5	9.0	0.5	6.0	500	
	0.0047	5.5	13.5	11.0	0.5	7.0	500	
	0.0056	6.0	13.5	11.5	0.5	7.0	500	
	0.0068	6.0	13.5	11.5	0.5	7.5	500	



LIFE TEST CONDITIONS: (Loading at elevated temperature) :

Loaded at 1.5 times of rated DC voltage at 85° C. for 1000 hours.

After the test:

$\Delta c/c$: \leq 5% of initial value.

Change in Tan δ : \leq 0.001 or 1.2 times the value measured before the test, whichever is higher.

Insulation resistance: \geq 50% of the value.

LIFE TEST CONDITIONS: (Loading at elevated temperature)

Loaded at 1.5 times of rated voltage at 85° C 1000 hours.



Available with Ammo type packing also.

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