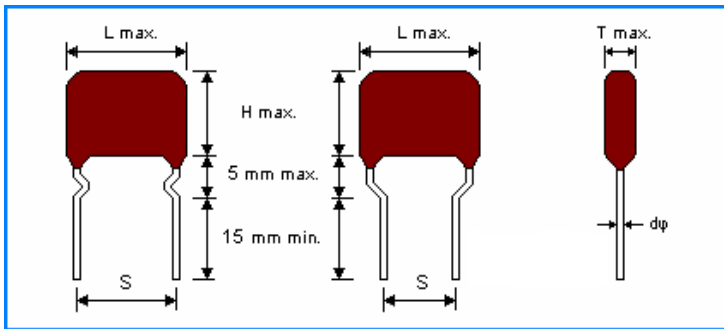




POLYPROPYLENE FILM CAPACITOR

NON-INDUCTIVE, EXTENDED FOIL, EPOXY DIP COATED



FEATURES

- * Very low dissipation factor, suitable for high frequency application.
- * Negative temperature coefficient.
- * High reliability and high insulation resistance.

GENERAL SPECIFICATION

1. OPERATING TEMPERATURE:

- 40°C ~ + 105°C

Derate DC voltage 1.5%/°C above 85°C to 105°C.

2. VOLTAGE RANGE:

100, 250, 400, 630 and 1000 VDC.

3. CAPACITANCE RANGE:

0.001 ~ 0.47 Mfd.

(other rating upon request)

4. DIELECTRIC STRENGTH:

200% of rated voltage for 2 sec.

5. CAPACITANCE TOLERANCE:

±5%, ±10% and ±20%.

6. INSULATION RESISTANCE:

$C < .33$ Mfd, $R \geq 30,000$ Meg. Ohm at $20 \pm 3^\circ\text{C}$

$C \geq .33$ Mfd, $RC \geq 10,000$ Meg. Ohm \times Mfd.

7. DISSIPATION FACTOR:

0.1% max. at 1KHz $20 \pm 3^\circ\text{C}$.

APPLICATION

- * High frequency tuning, yoke coupling, voltage retrace in T.V. and monitor circuit.

Maximum pulse rise time (dv/dt) V / μsec

VDC \ S	10.0	15.0	20.0	27.5	30.0	35.0
100	4500	2100	1100			
250	6000	3000	1400	900		
400	14400	7200	3000	2100		
630	15000	7400	4000	3000		
1000	15000	9000	5800	3700	3500	

L	13.0	19.0	24.0	31.0	35.0	40.0
S	10.0	15.0	20.0	27.5	30.0	35.0
dφ	0.6	0.8	0.8	0.8	0.8	0.8

VDC \ Mfd	100			250			400			630			1000		
	L	T	H	L	T	H	L	T	H	L	T	H	L	T	H
0.0010	13.0	6.0	9.0	13.0	6.0	9.0	13.0	6.0	9.0	13.0	6.0	10.0	13.0	7.5	12.0
0.0022	13.0	6.0	9.0	13.0	6.0	9.0	13.0	6.0	9.0	13.0	7.0	10.0	13.0	8.5	13.5
0.0033	13.0	6.0	9.5	13.0	6.5	9.5	13.0	7.0	10.0	13.0	7.5	11.5	19.0	8.5	13.5
0.0047	13.0	6.5	9.5	13.0	7.0	10.0	13.0	7.5	11.0	13.0	8.0	12.5	19.0	9.5	14.0
0.0068	13.0	7.0	10.0	13.0	7.5	10.5	13.0	8.0	11.5	13.0	9.0	14.0	19.0	10.5	16.0
0.010	13.0	7.5	10.5	13.0	7.5	11.0	13.0	8.5	12.0	19.0	9.0	14.0	24.0	10.0	16.0
0.022	13.0	8.0	11.0	13.0	8.5	12.0	19.0	8.5	13.0	19.0	11.5	17.0	24.0	12.0	18.5
0.033	19.0	8.0	12.0	19.0	8.5	13.0	19.0	9.0	13.5	24.0	11.0	17.0	31.0	12.5	19.0
0.047	19.0	8.5	13.0	19.0	9.0	13.5	24.0	10.0	15.0	24.0	12.0	17.0	31.0	14.0	21.5
0.068	19.0	9.5	15.0	19.0	10.0	15.5	24.0	11.0	16.0	31.0	12.5	18.0	35.0	14.0	24.0
0.082	24.0	10.0	16.0	24.0	11.5	17.0	31.0	11.0	17.0	31.0	13.0	19.0	35.0	15.0	26.5
0.10	24.0	11.0	17.0	24.0	12.5	18.0	31.0	12.0	18.0	31.0	14.0	21.0	35.0	17.0	28.0
0.22	24.0	13.0	19.0	24.0	14.5	20.0	31.0	15.0	21.5						
0.33	31.0	14.0	21.0	31.0	15.0	22.0	40.0	15.5	22.0						
0.39	31.0	15.0	22.0	31.0	16.0	23.0	40.0	16.5	25.0						
0.47	31.0	16.0	23.0	31.0	17.0	24.0	40.0	17.5	27.0						