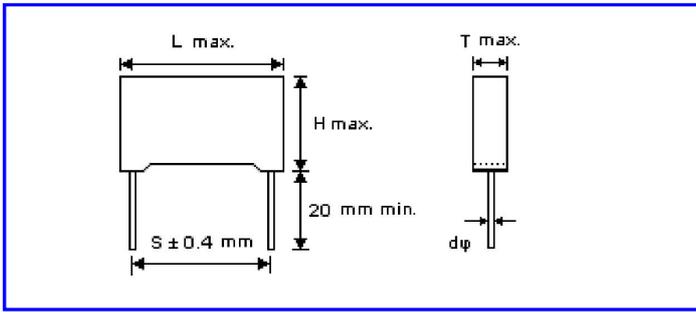




**METALLIZED POLYPROPYLENE CAPACITOR , PFC FILTERING**

NON-INDUCTIVE, LOW SELF INDUCTANCE, FLAME RETARDANT ENCASED



**APPLICATION**

This type capacitor is suitable to be used for PFC (Power Factor Correction) purpose in appliances such as Electronic Lighting, Inverter, UPS, Switching Mode Power Supply.

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

VDC \ S	15.0	20.0	22.5	27.5
450	120	90	80	60
630	140	110	100	80

L	18.0	24.0	26.5	32.0
S	15.0	20.0	22.5	27.5

**FEATURES**

- \* This series is using special metallized polypropylene film.
- \* Self-healing property.
- \* Avoid fatal short circuit.

**GENERAL SPECIFICATION**

VDC \ Mfd	450VDC/220VAC				630VDC/275VAC			
	L	T	H	dφ	L	T	H	dφ
0.022					18.0	5.0	11.0	0.6
0.033					18.0	5.0	11.0	0.6
0.047					18.0	5.0	11.0	0.6
0.068					18.0	5.0	11.0	0.6
0.10	18.0	5.0	11.0	0.6	18.0	6.0	12.0	0.8
0.15	18.0	5.0	11.0	0.6	18.0	7.5	13.5	0.8
0.22	18.0	5.0	11.0	0.6	18.0	8.5	14.5	0.8
0.22					24.0	7.0	12.5	0.8
0.33	18.0	6.0	12.0	0.8	18.0	10.0	16.5	0.8
0.33					24.0	7.5	15.0	0.8
0.47	18.0	7.5	13.5	0.8	18.0	11.0	19.0	0.8
0.47	24.0	7.0	12.5	0.8	24.0	9.5	16.5	0.8
0.47					26.5	8.5	17.0	0.8
0.68	18.0	9.5	15.5	0.8	24.0	11.5	19.0	0.8
0.68	24.0	7.5	15.0	0.8	26.5	10.0	19.0	0.8
0.68	26.5	6.0	15.0	0.8				
1.0	18.0	11.0	19.0	0.8	24.0	13.5	22.0	0.8
1.0	24.0	9.5	16.5	0.8	26.5	13.0	23.0	0.8
1.0	26.5	8.5	17.0	0.8	32.0	11.0	20.0	0.8
1.5	24.0	11.5	19.0	0.8	26.5	16.0	25.0	0.8
1.5	26.5	10.0	19.0	0.8	32.0	14.0	25.0	0.8
2.2	24.0	13.5	22.0	0.8	32.0	16.0	25.5	0.8
2.2	26.5	12.0	21.5	0.8				
2.2	32.0	11.0	20.0	0.8				
3.3	32.0	13.0	22.0	0.8				
4.7	32.0	16.0	25.5	0.8				
6.8	32.0	18.0	28.0	0.8				

**1. OPERATING TEMPERATURE:**

- 40°C ~ + 105°C  
Derate DC voltage 1.5%/°C above 85°C to 105°C.

**2. VOLTAGE RANGE:**

450, 630 VDC.

**3. CAPACITANCE RANGE:**

0.022 ~ 6.8 Mfd.  
(other rating upon request)

**4. DIELECTRIC STRENGTH:**

160% of rated voltage for 2 sec.

**5. CAPACITANCE TOLERANCE:**

±5%, ±10% and ±20%.

**6. INSULATION RESISTANCE:**

C < .33 Mfd, R ≥ 30,000 Meg. Ohm at 20±3°C.  
C ≥ .33 Mfd, RC ≥ 10,000 Meg. Ohm × Mfd.

**7. DISSIPATION FACTOR:**

0.1% max. at 1KHz 20±3°C.