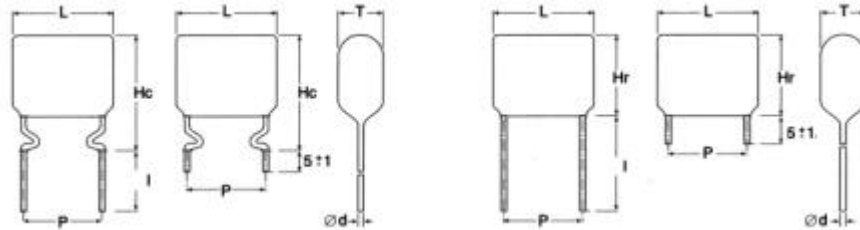


## METALLIZED POLYPROPYLENE FILM CAPACITOR



### TYPICAL APPLICATIONS:

In high frequency circuits, large current flowing circuits, deflection circuits in TV-sets (S-correction), etc.

### FEATURES

Low dissipation factor, high stability of capacitance and dissipation factor versus temperature and frequency, self-healing properties.

### MARKING:

Manufacturer's logo, capacitance, tolerance, rated voltage and type.

### DIELECTRIC:

Polypropylene film.

### ELECTRODES:

Aluminium layer deposited by evaporation under vacuum.

### CONSTRUCTION:

Metallized polypropylene film, non inductive, radial leads, and coated in flame-retardant epoxy resin.

### LEADS:

Tinned wire.

### OPERATING TEMP. RANGE:

From -55°C to +105°C (At 105°C with 75% rated voltage)

### CAPACITANCE RANGE:

0.001 ?F to 10 ?F

### CAPACITANCE TOLERANCE:

20%, 10%, 5%

### RATED VOLTAGE:

250VDC, 400VDC, 630VDC, 1000VDC

### PITCH:

10, 15, 22.5, 27.5 (mm)

### PITCH TOLERANCE:

10, 15:  $\pm 0,5$ mm  
22.5, 27.5:  $\pm 1$ mm

### DISSIPATION FACTOR:

$T_g \approx 20 \cdot 10^{-4}$  (1 KHz, 25°C)

### INSULATION RESISTANCE:

$\approx 50,000 M\Omega$  for  $C \leq 0.33 \mu F$   
 $\approx 15,000 s$  for  $C > 0.33 \mu F$

### WITHSTAND VOLTAGE:

$1.6 U_R$  60s

### RESISTANCE TO SOLDERING HEAT:

Body temperature: 100°C  
Bath temperature: 260°C  $\pm$  5°C

### BASIC SPECIFICATIONS:

IEC 60384-16  
CECC 31200

STANDARD PRODUCTS AND CASE SIZE TABLE (mm)

CAP (µF)	PITCH (mm)	250VDC			400VDC			630VDC			1000VDC			1250VDC		
		L	T	Hr	L	T	Hr	L	T	Hr	L	T	Hr	L	T	Hr
0.01	10							13	6	9.5	13	7.5	11			
0.01	15													18	7	11
0.015	10							13	5.5	9	18	6.5	11			
0.015	15													18	8	12.5
0.022	10							13	6	10						
0.022	15										18	7	12	18	8.5	14.5
0.033	10				13	5.5	9.0	13	6.5	11.5						
0.033	15										18	8	14.5	18	10	16
0.047	10	13	5.5	9.5	13	6.5	10.0	13	7.5	12.0						
0.047	15							18	6.0	11.0	18	9	15.5			
0.047	22.5													26	10	14
0.068	10	13	6	11	13	7	11									
0.068	15							18	7	12						
0.068	22.5										26	8.5	15	26	10	17.5
0.1	10	13	7	12	13	8	12									
0.1	15							18	8.5	14						
0.1	22.5										26	10	17	26	11	19.5
0.15	15	18	6.5	11.5	18	7.5	11.5	18	9.5	15.5						
0.15	22.5										26	11	20			
0.15	27.5													31	13	20.5
0.22	15	18	7	12	18	9	13									
0.22	22.5							26	8.5	15						
0.22	27.5										31	13	22	31	15	23
0.33	15	18	8	14.5	18	10	16									
0.33	22.5							26	10	17						
0.33	27.5										31	15	25	31	18	27
0.47	15	18	9.5	16.0	18	11.0	17.5									
0.47	22.5				26	9.0	16.0	26	11.5	20.0						
0.47	27.5							31	11.0	18.0						
0.68	22.5	26	9.0	15.0	26	10	18.0	26	12.5	23.5						
0.68	27.5							31	12.5	22.5						
1.0	22.5	26	9.5	17.	26	11.5	20.5									
1.0	27.5				31	10.5	19.5	31	16.0	25.0						
1.5	22.5	26	11.5	19.5	26	13.5	22.5									
1.5	27.5	31	12.5	20.5	31	13.0	22.0	31	18.0	27.0						
2.2	27.5	31	14.0	22.0	31	15.0	24.0									
3.3	27.5	31	16.0	25.0	31	19.0	27.5									
4.7	27.5	31	19.0	28.0												