



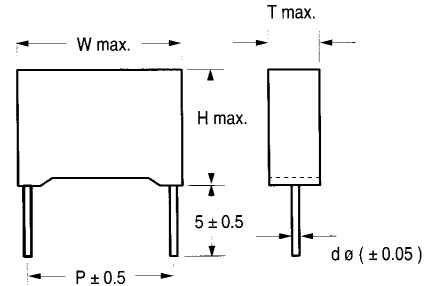
METALIZED POLYPROPYLENE FILM CAPACITOR

TYPE MPK

NON-INDUCTIVE, RADIAL LEADS, ENCASED

FEATURES:

- Highly reliable because of its self-healing performance.
- Dissipation Factor is normally low and stable against high frequency and change of temperature.
- Sealed in special exterior resin case for superior heat, humidity resistance and flame retardant (compliance with UL 94V-0).



SPECIFICATIONS:

Operating Temperature Range	-40°C ~ +85°C
Rated Working Voltage	250V, 400V, 630V (DC)
Rated Capacitance Range	0.01 μ F ~ 2.2 μ F
Capacitance Tolerance	J (\pm 5%), K (\pm 10%), M (\pm 20%)
Dielectric Strength	Withstand 150% of rated working voltage for 5 seconds, at 25°C
Dissipation Factor (D.F.)	Less than 0.1% at 1KHz, 25°C
Insulation Resistance	30,000 M Ω min., for C \leq 0.33 μ F 10,000 M Ω X μ F min., for C > 0.33 μ F

DIMENSIONS: (unit: mm)

W.V.	250V DC	400V DC	630V DC
Cap. (μ F)	CASE CODE		
0.01	C1	C1	C2
0.015	C1	C1	C3
0.022	C1	C2	D1
0.033	C1	C2	D2
0.047	C1	C3	D3
0.068	C2	D2	D4
0.1	C3	D3	E2
0.15	D2	D4	E3
0.22	D2	E2	F1
0.33	D3	E3	F2
0.47	E2	E4	F3
0.68	E2	F1	
1.0	E4	F2	
1.5	F1	F3	
2.2	F2		

CASE SIZE CHART:

CASE CODE	W	H	T	P	d ϕ
C1	13.0	9.0	4.0	10.0	0.6
C2	13.0	11.0	5.0	10.0	0.6
C3	13.0	12.0	6.0	10.0	0.6
D1	18.0	11.0	5.0	15.0	0.8
D2	18.0	12.0	6.0	15.0	0.8
D3	18.0	13.5	7.5	15.0	0.8
D4	18.0	14.5	8.5	15.0	0.8
E1	26.5	15.0	6.0	22.5	0.8
E2	26.5	16.5	7.0	22.5	0.8
E3	26.5	17.0	8.5	22.5	0.8
E4	26.5	19.0	10.0	22.5	0.8
F1	32.0	20.0	11.0	27.5	0.8
F2	32.0	22.0	13.0	27.5	0.8
F3	32.0	30.0	15.0	27.5	0.8