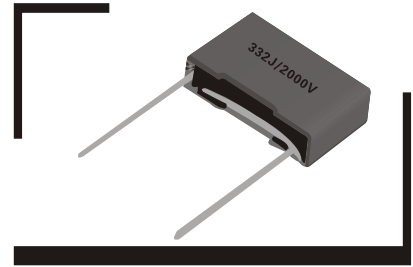


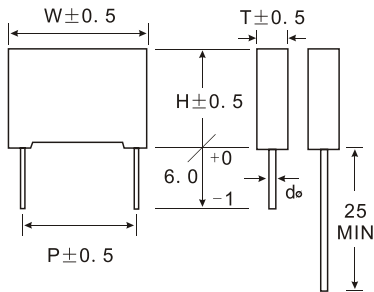
MMKP82 Series Double Sided Metallized Polypropylene Film Capacitor

Features:

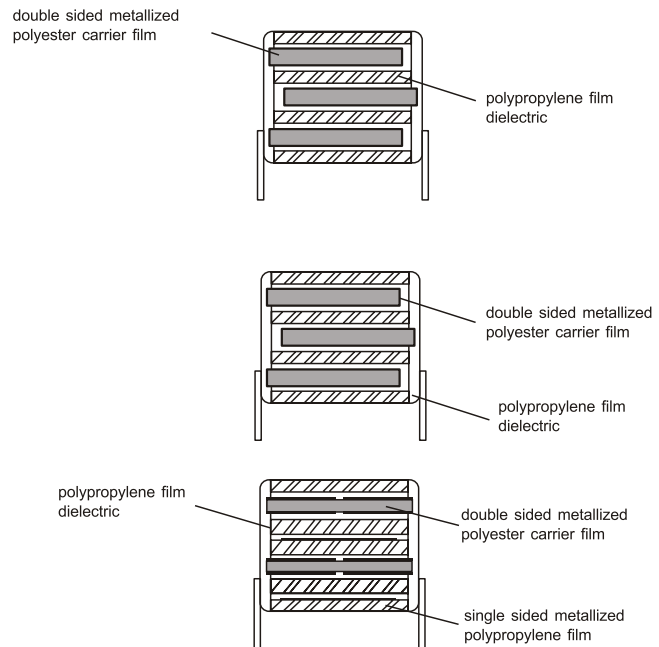
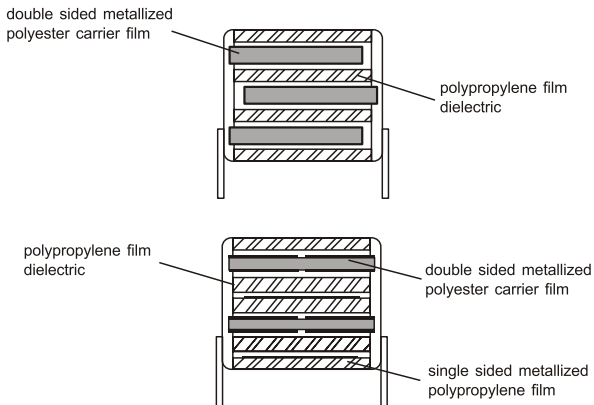
- ✦ Double sided metallized polypropylene structure
- ✦ Low loss and small inherent temperature rise
- ✦ Negative temperature coefficient of capacitance
- ✦ Excellent active and passive flame resistant circuit, suitable for used in high voltage, high frequency and pulse circuit, and Lamp capacitor for electronic ballast and compact lamps, snubber and SCR commutating circuits



Outline Drawing:



Winding Constructions:



Technical Data:

Reference Standard	GB/T 14579(IEC 60384-17)	
Climatic Category	40/105/56	
Rated temperature	85°C for V_R (dc); 75°C for V_R (ac)	
Operating temperature range	-40°C~105°C (+85°C to +105°C: decreasing factor 1.25% per °C for V_R (dc)) (+75°C to +105°C: decreasing factor 1.35% per °C for V_R (ac))	
Rated Voltage	250V、400V、630V、1 000V、1 400/1 600V、2 000V	
Capacitance Range	0.01 μ F -3.3 μ F	
Capacitance Tolerance	$\pm 5\%$ (J)、 $\pm 10\%$ (K)	
Voltage Proof	1.6 U_R (5s)	
Dissipation Factor	$\leq 10 \times 10^{-4}$ (1kHz, 20°C)	
Insulation Resistance	$\geq 50\ 000M\Omega$, $C_R \leq 0.33\ \mu F$ $\geq 15\ 000s$, $C_R > 0.3\ \mu F$	(20°C, 100V, 1min)

Dimensions(In mm)

Ratedcap (μ F)	250VDC(180VAC)					400VDC(250VAC)					630VDC(400VAC)				
	W	H	T	P	d ϕ	W	H	T	P	d ϕ	W	H	T	P	d ϕ
0.010	10.5	9.0	4.0	7.5	0.6	10.5 13.0	9.0 9.0	4.0 4.0	7.5 10.0	0.6 0.6	13.0	11.0	5.0	10.0	0.6
0.012	10.5	9.0	4.0	7.5	0.6	10.5 13.0	9.0 9.0	4.0 4.0	7.5 10.0	0.6 0.6	13.0	11.0	5.0	10.0	0.6
0.015	10.5	9.0	4.0	7.5	0.6	10.5 13.0	9.0 9.0	4.0 4.0	7.5 10.0	0.6 0.6	13.0	12.0	6.0	10.0	0.6
0.018	10.5	9.0	4.0	7.5	0.6	10.5 13.0	9.0 9.0	4.0 4.0	7.5 10.0	0.6 0.6	13.0	12.0	6.0	10.0	0.6
0.022	10.5	9.0	4.0	7.5	0.6	10.5 13.0	12.0 9.0	6.0 4.0	7.5 10.0	0.6 0.6	17.5	11.0	5.0	15.0	0.8
0.027	10.5 13.0	11.0 9.0	5.0 4.0	7.5 10.0	0.6 0.6	10.5 13.0	12.0 11.0	6.0 5.0	7.5 10.0	0.6 0.6	17.5	11.0	5.0	15.0	0.8
0.033	10.5 13.0	11.0 9.0	5.0 4.0	7.5 10.0	0.6 0.6	13.0	11.0	5.0	10.0	0.6	17.5	12.0	6.0	15.0	0.8
0.039	10.5 13.0	12.0 9.0	6.0 4.0	7.5 10.0	0.6 0.6	17.5	11.0	5.0	15.0	0.8	17.5	12.0	6.0	15.0	0.8
0.047	10.5 13.0	12.0 11.0	6.0 5.0	7.5 10.0	0.6 0.6	17.5	11.0	5.0	15.0	0.8	17.5 26.5	12.0 15.0	6.0 6.0	15.0 22.5	0.8 0.8
0.056	13.0	11.0	5.0	10.0	0.6	17.5	11.0	5.0	15.0	0.8	17.5 26.5	13.5 15.0	7.5 6.0	15.0 22.5	0.8 0.8
0.068	13.0 17.5	12.0 11.0	6.0 5.0	10.0 15.0	0.6 0.8	17.5	12.0	6.0	15.0	0.8	17.5 26.5	14.5 15.0	8.5 6.0	15.0 22.5	0.8 0.8
0.082	13.0 17.5	12.0 11.0	6.0 5.0	10.0 15.0	0.6 0.8	17.5	12.0	6.0	15.0	0.8	26.5	15.0	6.0	22.5	0.8
0.10	17.5	11.0	5.0	15.0	0.8	17.5	13.5	7.5	15.0	0.8	26.5	15.0	6.0	22.5	0.8
0.12	17.5	12.0	6.0	15.0	0.8	17.5 26.5	13.5 15.0	7.5 6.0	15.0 22.5	0.8 0.8	26.5	16.0	7.0	22.5	0.8
0.15	17.5	12.0	6.0	15.0	0.8	17.5	14.5	8.5	15.0	0.8	26.5 32.0	17.0 18.0	8.5 9.0	22.5 27.5	0.8 0.8
0.18	17.5	13.5	7.5	15.0	0.8	17.5	16.0	10.0	15.0	0.8	26.5 32.0	17.0 18.0	8.5 9.0	22.5 22.5	0.8 0.8
0.22	17.5	13.5	7.5	15.0	0.8	17.5 26.5	16.0 16.0	10.0 7.0	15.0 22.5	0.8 0.8	26.5 32.0	18.5 18.0	10.0 9.0	22.5 27.5	0.8 0.8
0.27	17.5	14.5	8.5	15.0	0.8	17.5 26.5	19.0 17.0	11.0 8.5	15.0 22.5	0.8 0.8	26.5 32.0	22.0 18.0	12.0 9.0	22.5 27.5	0.8 0.8
0.33	26.5	15.0	6.0	22.5	0.8	26.5	17.0	8.5	22.5	0.8	26.5 32.0	22.0 20.0	12.0 11.0	22.5 27.5	0.8 0.8
0.39	26.5	16.0	7.0	22.5	0.8	26.5 32.0	18.5 18.0	10.0 9.0	22.5 27.5	0.8 0.8	26.5 32.0	22.0 20.0	12.0 11.0	22.5 27.5	0.8 0.8
0.56	26.5	16.0	7.0	22.5	0.8	26.5 32.0	18.5 18.0	10.0 9.0	22.5 27.5	0.8 0.8	32.0	22.0	13.0	27.5	0.8
0.47	26.5	17.0	8.5	22.5	0.8	26.5	22.0	12.0	22.5	0.8	32.0	22.0	13.0	27.5	0.8
0.68	26.5	18.5	10.0	22.5	0.8	32.0	20.0	11.0	27.5	0.8	32.0	24.5	15.0	27.5	0.8
0.82	26.5	18.5	10.0	22.5	0.8	32.0	22.0	13.0	27.5	0.8	32.0	28.0	14.0	27.5	0.8
1.0	26.5 32.0	22.0 20.0	12.0 11.0	22.5 27.5	0.8 0.8	32.0	24.5	15.0	27.5	0.8	32.0	33.0	18.0	27.5	0.8
1.2	32.0	20.0	11.0	27.5	0.8	32.0	24.5	15.0	27.5	0.8	32.0	33.0	18.0	27.5	0.8
1.5	32.0	22.0	13.0	27.5	0.8	32.0	33.0	18.0	27.5	0.8					
1.8	32.0	24.5	15.0	27.5	0.8	32.0	33.0	18.0	27.5	0.8					
2.2	32.0	24.5	15.0	27.5	0.8										
3.3	32.0	33.0	18.0	27.5	0.8										



Ratedcap (μ F)	1000VDC(600VAC)					1400VDC(650VAC)					2000VDC(700VAC)				
	W	H	T	P	d ϕ	W	H	T	P	d ϕ	W	H	T	P	d ϕ
0.0010	13.0	9.0	4.0	10.0	0.6	17.5	11.0	5.0	15.0	0.8	17.5	11.0	5.0	15.0	0.8
0.0012	13.0	9.0	4.0	10.0	0.6	17.5	11.0	5.0	15.0	0.8	17.5	11.0	5.0	15.0	0.8
0.0015	13.0	9.0	4.0	10.0	0.6	17.5	11.0	5.0	15.0	0.8	17.5	11.0	5.0	15.0	0.8
0.0018	13.0	9.0	4.0	10.0	0.6	17.5	11.0	5.0	15.0	0.8	17.5	11.0	5.0	15.0	0.8
0.0022	13.0	9.0	4.0	10.0	0.6	17.5	11.0	5.0	15.0	0.8	17.5	11.0	5.0	15.0	0.8
0.0027	13.0	9.0	4.0	10.0	0.6	17.5	11.0	5.0	15.0	0.8	17.5	11.0	5.0	15.0	0.8
0.0033	13.0	9.0	4.0	10.0	0.6	17.5	11.0	5.0	15.0	0.8	17.5	11.0	5.0	15.0	0.8
0.0039	13.0	11.0	5.0	10.0	0.6	17.5	11.0	5.0	15.0	0.8	17.5	12.0	6.0	15.0	0.8
0.0047	13.0	11.0	5.0	10.0	0.6	17.5	11.0	5.0	15.0	0.8	17.5	12.0	6.0	15.0	0.8
0.0056	13.0	12.0	6.0	10.0	0.6	17.5	11.0	5.0	15.0	0.8	17.5	13.5	7.5	15.0	0.8
0.0068	13.0	12.0	6.0	10.0	0.6	17.5	11.0	5.0	15.0	0.8	17.5	13.5	7.5	15.0	0.8
0.0082	17.5	11.0	5.0	15.0	0.8	17.5	12.0	6.0	15.0	0.8	17.5	14.5	8.5	15.0	0.8
0.010	17.5	11.0	5.0	15.0	0.8	17.5	12.0	6.0	15.0	0.8	17.5 26.5	16.0 15.0	10.0 6.0	15.0 22.5	0.8 0.8
0.012	17.5	11.0	5.0	15.0	0.8	17.5	13.5	7.5	15.0	0.8	17.5 26.5	16.0 15.0	10.0 6.0	15.0 22.5	0.8 0.8
0.015	17.5	11.0	5.0	15.0	0.8	17.5 26.5	13.5 15.0	7.5 6.0	15.0 22.5	0.8 0.8	17.5 26.5	19.0 16.0	11.0 7.0	15.0 22.5	0.8 0.8
0.018	17.5	13.5	7.5	15.0	0.8	17.5 26.5	14.5 15.0	8.5 6.0	15.0 22.5	0.8 0.8	26.5	16.0	7.0	22.5	0.8
0.022	17.5	13.5	7.5	15.0	0.8	17.5 26.5	14.5 15.0	8.5 6.0	15.0 22.5	0.8 0.8	26.5 32.0	17.0 18.0	8.5 9.0	22.5 27.5	0.8 0.8
0.027	17.5 26.5	14.5 15.0	8.5 6.0	15.0 22.5	0.8 0.8	17.5 26.5	16.0 15.0	10.0 6.0	15.0 22.5	0.8 0.8	26.5 32.0	18.5 18.0	10.0 9.0	22.5 27.5	0.8 0.8
0.033	17.5 26.5	14.5 15.0	8.5 6.0	15.0 22.5	0.8 0.8	17.5 26.5	19.0 16.0	11.0 7.0	15.0 22.5	0.8 0.8	26.5 32.0	18.5 18.0	10.0 9.0	22.5 27.5	0.8 0.8
0.039	17.5 26.5	16.0 15.0	10.0 6.0	15.0 22.5	0.8 0.8	26.5	17.0	8.5	22.5	0.8	26.5 32.0	22.0 20.0	12.0 11.0	22.5 27.5	0.8 0.8
0.047	17.5 26.5	19.0 16.0	11.0 7.0	15.0 22.5	0.8 0.8	26.5 32.0	18.5 18.0	10.0 9.0	22.5 27.5	0.8 0.8	26.5 32.0	22.0 20.0	12.0 11.0	22.5 27.5	0.8 0.8
0.056	26.5	16.0	7.0	22.5	0.8	26.5 32.0	18.5 18.0	10.0 9.0	22.5 27.5	0.8 0.8					
0.068	26.5	17.0	8.5	22.5	0.8	26.5 32.0	22.0 18.0	12.0 9.0	22.5 27.5	0.8 0.8	32.0	22.0	13.0	27.5	0.8
0.082	26.5	18.5	10.0	22.5	0.8	26.5 32.0	22.0 20.0	12.0 11.0	22.5 27.5	0.8 0.8	32.0	24.5	15.0	27.5	0.8
0.10	26.5 32.0	18.5 18.0	10.0 9.0	22.5 27.5	0.8 0.8	32.0	20.0	11.0	27.5	0.8	32.0	28.0	14.0	27.5	0.8
0.12	26.5 32.0	22.0 20.0	12.0 11.0	22.5 27.5	0.8 0.8	32.0	22.0	13.0	27.5	0.8	32.0	33.0	18.0	27.5	0.8
0.15	26.5 32.0	22.0 20.0	12.0 11.0	22.5 27.5	0.8 0.8	32.0	24.5	15.0	27.5	0.8	32.0	33.0	18.0	27.5	0.8
0.18	32.0	22.0	13.0	27.5	0.8	32.0	24.5	15.0	27.5	0.8					
0.22	32.0	22.0	13.0	27.5	0.8	32.0	33.0	18.0	27.5	0.8					
0.27	32.0	24.5	15.0	27.5	0.8	32.0	33.0	18.0	27.5	0.8					
0.33	32.0	28.0	14.0	27.5	0.8	32.0	33.0	18.0	27.5	0.8					
0.39	32.0	33.0	18.0	27.5	0.8										
0.47	32.0	33.0	18.0	27.5	0.8										

SUMEC