

## SPKF22 Series

### ■ Construction

MMKP82 type capacitor of constructed with excellent high frequency characteristics polypropylene film dielectric, pole with double sided metallized polyester film, twain section spray-metal form Non-inductive construction , Electrode lead unilateralism tetch out and flame retardant epoxy resin powder coating.



### ■ Features

- Optimum for S-Correction and Scan Circuit of large screen(Inc Projection TV) high frequency color Monitor and HDTV-sets & Switch power supply etc.
- Large current pulse,small dissipation & temperature rise and excellent speciality of high frequency. (Because pole with double sided)
- High stability of capacitance versus temperature,Excellent self-healing property and high reliability.

### ■ Specifications

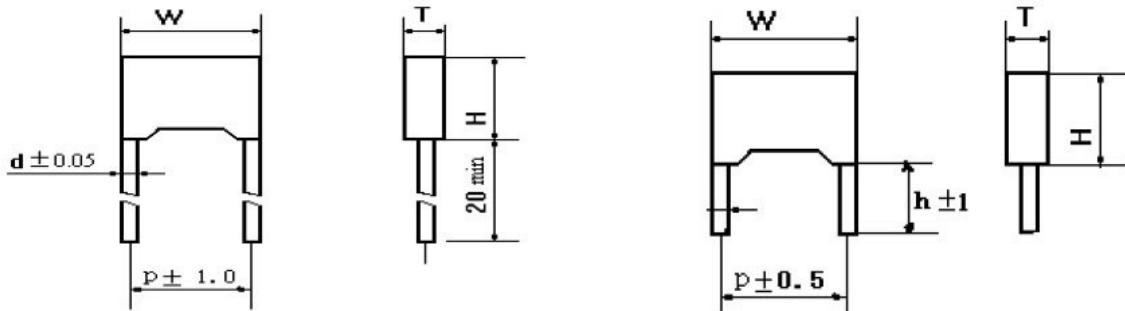
Reference Standard	GB/T14579 (IEC60384-17)	
Climatic Catalogue	40/085/21	
Rated Temperature Range	85°C	
Operating Temperature Range	-40°C~105°C	
Rated Voltage	250VDC, 400VDC, 630VDC, 1000VDC, 1600VDC, 2000VDC	
Capacitance Range	0.01uF~1.0uF	
Capacitance Tolerance	±3% (H) , ±5 (J) , ±10% (K) , ±20% (M)	
Voltage Proof	1.6U <sub>R</sub> (5S) (+20°C±5°C)	
Dissipation Factor	$\leq 0.0010(1\text{KHZ}, 20^\circ\text{C})$ $\leq 0.0015(10\text{KHZ}, 20^\circ\text{C})$	
Insulation Resistance	$\geq 30000\text{M}\Omega, \text{CR} \leq 0.33\text{uF}$ $\geq 10000 \text{ S}, \text{CR} > 0.33\text{uF}$	20°C, 100V, 1min

# Double sided metallized polypropylene film capacitor(Box-type)

## Rated Voltage Pulse Lode Slope(dv/dt):

Rated voltage	Rated voltage pulse slope (v/μs)		
	P=10MM	P=15MM	P=22.5MM
250V	-	550	250
400V	1200	700	400
630V	1400	900	500
1000V	4000	3300	2100
2000V	-	9500	3500

## Outline Drawing



## Dimension

Unit : mm

Rated Capacitance(μF)	250VDC/180VAC											
	P=10				P=15				P=22.5			
	W±0.4	H±0.4	T±0.4	d±0.05	W±0.4	H±0.4	T±0.4	d±0.05	W±0.4	H±0.4	T±0.4	d±0.05
0.027	13.0	9.0	4.0	0.6								
0.033	13.0	9.0	4.0	0.6								
0.039	13.0	9.0	4.0	0.6								
0.047	13.0	11.0	5.0	0.6								
0.056	13.0	11.0	5.0	0.6								
0.068	13.0	12.0	6.0	0.8	18.0	11.0	5.0	0.6				
0.082	13.0	12.0	6.0	0.8	18.0	11.0	5.0	0.6				
0.1					18.0	11.0	5.0	0.6				
0.12					18.0	12.0	6.0	0.8				
0.15					18.0	12.0	6.0	0.8				
0.18					18.0	13.5	7.5	0.8				
0.22					18.0	13.5	7.5	0.8	26.5	16.5	7.0	0.8
0.25					18.0	14.5	8.5	0.8	26.5	16.5	7.0	0.8
0.27					18.0	14.5	8.5	0.8	26.5	16.5	7.0	0.8
0.33					18.0	16.0	10.0	0.8	26.5	16.5	7.0	0.8
0.39					18.0	16.0	10.0	0.8	26.5	16.5	7.0	0.8
0.47									26.5	16.5	7.0	0.8
0.56									26.5	17.0	8.5	0.8
0.68									26.5	19.0	10.0	0.8
0.82									26.5	20.5	12.0	0.8
1									26.5	23.0	14.0	0.8
1.2									26.5	23.0	14.0	0.8



# Double sided metallized polypropylene film capacitor(Box-type)

Unit : mm

Rated Capacitance(uF)	400VDC/250VAC											
	P=10				P=15				P=22.5			
	W±0.4	H±0.4	T±0.4	d±0.05	W±0.4	H±0.4	T±0.4	d±0.05	W±0.4	H±0.4	T±0.4	d±0.05
0.01	13.0	9.0	4.0	0.6								
0.012	13.0	9.0	4.0	0.6								
0.015	13.0	9.0	4.0	0.6								
0.018	13.0	9.0	4.0	0.6								
0.022	13.0	9.0	4.0	0.6								
0.027	13.0	11.0	5.0	0.6								
0.033	13.0	11.0	5.0	0.6	18.0	11.0	5.0	0.6				
0.039	13.0	12.0	6.0	0.8	18.0	11.0	5.0	0.6				
0.047	13.0	12.0	6.0	0.8	18.0	11.0	5.0	0.6				
0.056					18.0	11.0	5.0	0.6				
0.068					18.0	12.0	6.0	0.8				
0.082					18.0	12.0	6.0	0.8				
0.1					18.0	13.5	7.5	0.8				
0.12					18.0	13.5	7.5	0.8	26.5	16.5	7.0	0.8
0.15					18.0	14.5	8.5	0.8	26.5	16.5	7.0	0.8
0.18					18.0	16.0	10.0	0.8	26.5	16.5	7.0	0.8
0.22					18.0	16.0	10.0	0.8	26.5	16.5	7.0	0.8
0.27					18.0	18.0	10.0	0.8	26.5	17.0	8.5	0.8
0.33									26.5	17.0	8.5	0.8
0.39									26.5	19.0	10.0	0.8
0.47									26.5	19.0	10.0	0.8
0.56									26.5	20.5	12.0	0.8
0.68									26.5	23.0	14.0	0.8



# Double sided metallized polypropylene film capacitor(Box-type)

Unit : mm

Rated Capacitance(uF)	630VDC/400VAC											
	P=10				P=15				P=22.5			
	W±0.4	H±0.4	T±0.4	d±0.05	W±0.4	H±0.4	T±0.4	d±0.05	W±0.4	H±0.4	T±0.4	d±0.05
0.0039	13.0	9.0	4.0	0.6								
0.0047	13.0	9.0	4.0	0.6								
0.0056	13.0	9.0	4.0	0.6								
0.0068	13.0	9.0	4.5	0.6								
0.0068	13.0	9.0	4.5	0.6								
0.0082	13.0	11.0	5.0	0.6								
0.01	13.0	11.0	5.0	0.6								
0.012	13.0	12.0	6.0	0.6	18.0	11.0	5.0	0.6				
0.015	13.0	12.0	6.0	0.6	18.0	11.0	5.0	0.6				
0.018					18.0	11.0	5.0	0.6				
0.022					18.0	11.0	5.0	0.6				
0.027					18.0	11.0	5.0	0.6				
0.033					18.0	12.0	6.0	0.6				
0.039					18.0	12.0	6.0	0.6				
0.047					18.0	12.0	6.0	0.6	26.5	16.5	7.0	0.8
0.056					18.0	13.5	7.5	0.8	26.5	16.5	7.0	0.8
0.068					18.0	14.5	8.5	0.8	26.5	16.5	7.0	0.8
0.082					18.0	14.5	8.5	0.8	26.5	16.5	7.0	0.8
0.1					18.0	16.0	10.0	0.8	26.5	16.5	7.0	0.8
0.12					18.0	19.0	11.0	0.8	26.5	16.5	7.0	0.8
0.15									26.5	17.0	8.5	0.8
0.18									26.5	17.0	8.5	0.8
0.22									26.5	19.0	10.0	0.8
0.27									26.5	20.5	12.0	0.8
0.33									26.5	20.5	12.0	0.8
0.39									26.5	20.5	12.0	0.8
0.47									26.5	23.0	14.0	0.8

## Double sided metallized polypropylene film capacitor(Box-type)

Unit : mm

Rated Capacitance( $\mu$ F)	1000VDC/600VAC											
	P=10				P=15				P=22.5			
	W $\pm$ 0.4	H $\pm$ 0.4	T $\pm$ 0.4	d $\pm$ 0.05	W $\pm$ 0.4	H $\pm$ 0.4	T $\pm$ 0.4	d $\pm$ 0.05	W $\pm$ 0.4	H $\pm$ 0.4	T $\pm$ 0.4	d $\pm$ 0.05
0.001	13.0	9.0	4.0	0.6								
0.0012	13.0	9.0	4.0	0.6								
0.0015	13.0	9.0	4.0	0.6								
0.0018	13.0	9.0	4.0	0.6								
0.0022	13.0	9.0	4.0	0.6								
0.0027	13.0	9.5	5.0	0.6								
0.0033	13.0	9.5	5.0	0.6								
0.0039	13.0	11.0	5.0	0.6								
0.0047	13.0	11.0	5.0	0.6								
0.0056	13.0	12.0	6.0	0.6								
0.0068	13.0	12.0	6.0	0.6								
0.0082					18.0	11.0	5.0	0.6				
0.01					18.0	11.0	5.0	0.6				
0.012					18.0	12.0	6.0	0.6				
0.015					18.0	12.0	6.0	0.6				
0.018					18.0	13.5	7.5	0.8				
0.022					18.0	13.5	7.5	0.8				
0.027					18.0	14.5	8.5	0.8	26.5	16.5	7.0	0.8
0.033					18.0	15.0	9.0	0.8	26.5	16.5	7.0	0.8
0.039					18.0	16.0	10.0	0.8	26.5	16.5	7.0	0.8
0.047					18.0	19.0	11.0	0.8	26.5	16.5	7.0	0.8
0.056									26.5	16.5	7.0	0.8
0.068									26.5	17.0	8.5	0.8
0.082									26.5	19.0	10.0	0.8
0.1									26.5	19.0	10.0	0.8
0.12									26.5	20.5	12.0	0.8
0.15									26.5	23.0	14.0	0.8
0.18									26.5	23.0	14.0	0.8

## Double sided metallized polypropylene film capacitor(Box-type)

Unit : mm

Rated Capacitance( $\mu$ F)	1250VDC/600VAC											
	P=15				P=22.5				P=27.5			
	W $\pm$ 0.4	H $\pm$ 0.4	T $\pm$ 0.4	d $\pm$ 0.05	W $\pm$ 0.4	H $\pm$ 0.4	T $\pm$ 0.4	d $\pm$ 0.05	W $\pm$ 0.4	H $\pm$ 0.4	T $\pm$ 0.4	d $\pm$ 0.05
0.0039	18.0	11.0	5.0	0.6								
0.0047	18.0	11.0	5.0	0.6								
0.0056	18.0	11.0	5.0	0.6								
0.0068	18.0	11.0	5.0	0.6								
0.0082	18.0	12.0	6.0	0.8								
0.01	18.0	12.0	6.0	0.8								
0.012	18.0	13.5	7.5	0.8								
0.015	18.0	13.5	7.5	0.8	26.5	16.5	7.0	0.8				
0.018	18.0	14.5	8.5	0.8	26.5	16.5	7.0	0.8				
0.022	18.0	14.5	8.5	0.8	26.5	16.5	7.0	0.8				
0.027	18.0	16.0	10.0	0.8	26.5	16.5	7.0	0.8				
0.033	18.0	18.0	10.0	0.8	26.5	16.5	7.0	0.8				
0.039					26.5	16.5	7.0	0.8				
0.047					26.5	17.0	8.5	0.8				
0.056					26.5	17.0	8.5	0.8				
0.068					26.5	19.0	10.0	0.8	31.5	19.5	10.8	0.8
0.082					26.5	19.0	10.0	0.8	31.5	19.5	10.8	0.8
0.1					26.5	20.5	12.0	0.8	31.5	19.5	10.8	0.8
0.12					26.5	23.0	14.0	0.8	31.5	19.5	10.8	0.8
0.15					26.5	23.0	14.0	0.8	32.0	22.0	13.0	0.8
0.18									32.0	22.0	13.0	0.8
0.22									32.0	24.5	14.0	0.8
0.27									32.0	28.0	18.0	0.8
0.33									32.0	28.0	18.0	0.8



# Double sided metallized polypropylene film capacitor(Box-type)

Unit : mm

Rated Capacitance(uF)	1600VDC/650VAC											
	P=15				P=22.5				P=27.5			
	W±0.4	H±0.4	T±0.4	d±0.05	W±0.4	H±0.4	T±0.4	d±0.05	W±0.4	H±0.4	T±0.4	d±0.05
0.001	18.0	11.0	5.0	0.6								
0.0012	18.0	11.0	5.0	0.6								
0.0015	18.0	11.0	5.0	0.6								
0.0018	18.0	11.0	5.0	0.6								
0.0022	18.0	11.0	5.0	0.6								
0.0027	18.0	11.0	5.0	0.6								
0.0033	18.0	11.0	5.0	0.6								
0.0039	18.0	11.0	5.0	0.6								
0.0047	18.0	11.0	5.0	0.6								
0.0056	18.0	11.0	5.0	0.6								
0.0068	18.0	11.0	5.0	0.6								
0.0082	18.0	12.0	6.0	0.8								
0.01	18.0	12.0	6.0	0.8								
0.012	18.0	13.5	7.5	0.8	26.5	16.5	7.0	0.8				
0.015	18.0	13.5	7.5	0.8	26.5	16.5	7.0	0.8				
0.018	18.0	14.5	8.5	0.8	26.5	16.5	7.0	0.8				
0.022	18.0	14.5	8.5	0.8	26.5	16.5	7.0	0.8				
0.027	18.0	16.0	10.0	0.8	26.5	16.5	7.0	0.8				
0.033					26.5	16.5	7.0	0.8				
0.039					26.5	17.0	8.5	0.8	31.5	19.5	10.8	0.8
0.047					26.5	19.0	10.0	0.8	31.5	19.5	10.8	0.8
0.056					26.5	19.0	10.0	0.8	31.5	19.5	10.8	0.8
0.068					26.5	20.5	12.0	0.8	31.5	19.5	10.8	0.8
0.082					26.5	23.0	14.0	0.8	31.5	19.5	10.8	0.8
0.1									32.0	22.0	13.0	0.8
0.12									32.0	22.0	13.0	0.8
0.15									32.0	24.5	14.0	0.8
0.18									32.0	28.0	18.0	0.8
0.22									32.0	28.0	18.0	0.8

## Double sided metallized polypropylene film capacitor(Box-type)

Unit : mm

Rated Capacitance(uF)	2000VDC/700VAC											
	P=15				P=22.5				P=27.5			
	W±0.4	H±0.4	T±0.4	d±0.05	W±0.4	H±0.4	T±0.4	d±0.05	W±0.4	H±0.4	T±0.4	d±0.05
0.001	18.0	11.0	5.0	0.6								
0.0012	18.0	11.0	5.0	0.6								
0.0015	18.0	11.0	5.0	0.6								
0.0018	18.0	11.0	5.0	0.6								
0.0022	18.0	11.0	5.0	0.6								
0.0027	18.0	11.0	5.0	0.6	26.5	16.5	7.0	0.8				
0.0033	18.0	12.0	6.0	0.8	26.5	16.5	7.0	0.8				
0.0039	18.0	12.0	6.0	0.8	26.5	16.5	7.0	0.8				
0.0047	18.0	12.0	6.0	0.8	26.5	16.5	7.0	0.8				
0.0056	18.0	13.5	7.5	0.8	26.5	16.5	7.0	0.8				
0.0068	18.0	13.5	7.5	0.8	26.5	16.5	7.0	0.8				
0.0082	18.0	14.5	8.5	0.8	26.5	16.5	7.0	0.8				
0.0091	18.0	14.5	8.5	0.8	26.5	16.5	7.0	0.8				
0.01	18.0	16.0	10.0	0.8	26.5	16.5	7.0	0.8				
0.012	18.0	16.0	10.0	0.8	26.5	16.5	7.0	0.8				
0.015	18.0	18.0	10.0	0.8	26.5	16.5	7.0	0.8				
0.018					26.5	16.5	7.0	0.8				
0.022					26.5	17.0	8.5	0.8	31.5	19.5	10.8	0.8
0.027					26.5	19.0	10.0	0.8	31.5	19.5	10.8	0.8
0.033					26.5	19.0	10.0	0.8	31.5	19.5	10.8	0.8
0.039					26.5	19.0	10.0	0.8	31.5	19.5	10.8	0.8
0.047					26.5	20.5	12.0	0.8	31.5	19.5	10.8	0.8
0.056					26.5	23.0	14.0	0.8	31.5	19.5	10.8	0.8
0.068									32.0	22.0	13.0	0.8
0.082									32.0	22.0	13.0	0.8
0.1									32.0	24.5	14.0	0.8
0.12									32.0	28.0	18.0	0.8
0.15									32.0	28.0	18.0	0.8

Special size or items on request