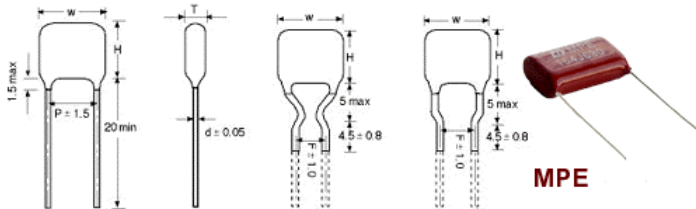


# Metallized polyester film capacitor [CL21 MPE]

# SINOCAPA<sup>®</sup>

## TYPE CL21 Metallized polyester film capacitor



### FEATURES:

- Wide capacitance range, small size and light weight
- Long life due to self-healing effect
- Epoxy resin powder coating provides the identical outer appearance
- Suitable for blocking, by-pass and coupling of DC and signals to VHF range
- Widely used in filter and low pulse circuits

SPECIFICATIONS	
Reference Standard	GB-7335
Climatic Category	55/085/21
Rated Voltage	50/63/100、250V、400V、630V
Capacitance Range	0.0010 $\mu$ F ~ 10.0 $\mu$ F
Capacitance Tolerance	$\pm$ 5%(J), $\pm$ 10%(K)
Voltage Proof	1.6UR(5s)
Dissipation Factor	$\leq$ 1.0% (20 $^{\circ}$ C, 1kHz)
Insulation Resistance	$\geq$ 15000M $\Omega$ , (CR $\leq$ 0.33 $\mu$ F)
	$\geq$ 5000s, (CR $>$ 0.33 $\mu$ F)
	(20 $^{\circ}$ C, 1min)

[How to order \(Pls see CL23B\)](#)

# Metallized polyester film capacitor [CL21 MPE]

DIMENSIONS																				
Capacitance (uf)	50/63/100/160V					250V					400V					630V				
	W max	H max	T max	P	d	W max	H max	T max	P	d	W max	H max	T max	P	d	W max	H max	T max	P	d
0.010	11.5	9.5	6.0	7.5	0.6	11.5	9.5	6.0	7.5	0.6	11.5	9.5	6.0	7.5	0.6	13.5	10.5	6.0	10.0	0.6
0.012	11.5	10.0	6.0	7.5	0.6	11.5	10.0	6.0	7.5	0.6	11.5	10.0	6.0	7.5	0.6	13.5	10.5	6.0	10.0	0.6
0.015	11.5	10.0	6.5	7.5	0.6	11.5	10.0	6.5	7.5	0.6	11.5	10.0	6.5	7.5	0.6	13.5	11.0	6.5	10.0	0.6
0.018	11.5	10.5	6.5	7.5	0.6	11.5	10.5	6.5	7.5	0.6	11.5	10.5	7.0	7.5	0.6	13.5	11.5	7.0	10.0	0.6
0.022	11.5	10.0	6.0	7.5	0.6	11.5	10.0	6.0	7.5	0.6	13.5	10.0	6.0	10.0	0.6	13.5	12.0	7.5	10.0	0.6
0.027	11.5	10.0	6.5	7.5	0.6	11.5	10.0	6.5	7.5	0.6	13.5	10.0	6.5	10.0	0.6	13.5	12.0	8.0	10.0	0.6
0.033	11.5	9.0	5.5	7.5	0.6	11.5	9.0	5.5	7.5	0.6	13.5	10.5	7.0	10.0	0.6	13.5	12.5	8.5	10.0	0.6
0.039	11.5	9.0	5.5	7.5	0.6	11.5	9.0	5.5	7.5	0.6	13.5	11.5	7.0	10.0	0.6	13.5	13.0	9.0	10.0	0.6
0.047	11.5	9.5	6.0	7.5	0.6	11.5	9.5	6.0	7.5	0.6	13.5	12.0	7.5	10.0	0.6	17.5	14.0	8.5	12.5	0.6
0.056	11.5	10.0	6.0	7.5	0.6	11.5	10.0	6.0	7.5	0.6	13.5	12.5	8.0	10.0	0.6	17.5	14.5	9.0	12.5	0.6
0.068	11.5	9.5	5.5	7.5	0.6	11.5	10.0	6.5	7.5	0.6	13.5	13.0	8.5	10.0	0.6	17.5	14.5	10.0	12.5	0.6
0.082	11.5	9.5	6.0	7.5	0.6	11.5	11.0	6.5	7.5	0.6	13.5	13.5	9.5	10.0	0.6	17.5	15.5	10.5	12.5	0.6
0.10	11.5	10.0	6.5	7.5	0.6	13.5	10.5	6.5	10.0	0.6	19.0	12.0	8.0	15.0	0.6	24.5	14.0	9.0	20.0	0.8
0.12	11.5	10.5	7.0	7.5	0.6	13.5	11.0	6.5	10.0	0.6	19.0	13.0	8.0	15.0	0.6	24.5	14.5	9.5	20.0	0.8
0.15	11.5	11.0	7.5	7.5	0.6	13.5	11.5	7.0	10.0	0.6	19.0	14.0	8.5	15.0	0.6	24.5	15.5	10.5	20.0	0.8
0.18	11.5	12.0	7.5	7.5	0.6	13.5	12.5	7.5	10.0	0.6	19.0	14.5	9.0	15.0	0.6	24.5	17.5	10.5	20.0	0.8
0.22	13.5	11.5	7.0	10.0	0.6	19.0	12.5	7.0	15.0	0.6	19.0	15.0	10.0	15.0	0.6	24.5	18.0	11.5	20.0	0.8
0.27	13.5	12.5	7.0	10.0	0.6	19.0	13.0	7.5	15.0	0.6	19.0	17.0	10.0	15.0	0.6	24.5	19.0	12.5	20.0	0.8
0.33	13.5	13.0	8.0	10.0	0.6	19.0	13.5	8.0	15.0	0.6	24.5	16.5	9.5	20.0	0.8	24.5	20.5	13.5	20.0	0.8
0.39	13.5	13.5	8.5	10.0	0.6	19.0	14.0	8.5	15.0	0.6	24.5	17.0	10.5	20.0	0.8	24.5	22.5	14.0	20.0	0.8
0.47	13.5	14.0	9.0	10.0	0.6	19.0	14.5	9.5	15.0	0.8	24.5	18.0	11.0	20.0	0.8	34.0	20.5	12.5	30.0	0.8
0.56	13.5	15.0	9.5	10.0	0.6	19.0	15.0	10.0	15.0	0.8	24.5	19.0	12.0	20.0	0.8	34.0	21.5	13.5	30.0	0.8
0.68	19.0	14.0	8.5	15.0	0.6	19.0	16.0	10.5	15.0	0.8	24.5	20.0	13.0	20.0	0.8	34.0	23.0	14.5	30.0	1.0
0.82	19.0	14.5	9.5	15.0	0.6	19.0	17.5	11.0	15.0	0.8	24.5	21.0	14.0	20.0	0.8	34.0	24.5	16.0	30.0	1.0
1.0	19.0	15.5	10.0	15.0	0.8	24.5	17.0	10.0	20.0	0.8	34.0	20.0	12.0	30.0	0.8	39.5	24.0	16.0	35.0	1.0
1.2	19.0	16.0	11.0	15.0	0.8	24.5	18.5	10.5	20.0	0.8	34.0	21.0	13.0	30.0	0.8	39.5	25.5	17.5	35.0	1.0
1.5	19.0	17.0	11.5	15.0	0.8	24.5	19.5	11.5	20.0	0.8	34.0	22.5	14.0	30.0	1.0	39.5	27.5	19.5	35.0	1.0
1.8	19.0	18.5	12.0	15.0	0.8	24.5	20.5	12.5	20.0	0.8	34.0	24.0	15.5	30.0	1.0	39.5	29.5	21.0	35.0	1.0
2.2	24.5	18.5	11.5	20.0	0.8	24.5	22.0	13.5	20.0	0.8	39.5	24.0	15.5	35.0	1.0	39.5	31.5	23.5	35.0	1.0
2.7	24.5	19.5	12.5	20.0	0.8	24.5	23.0	15.0	20.0	0.8	39.5	25.5	17.0	35.0	1.0					
3.3	24.5	20.5	14.0	20.0	0.8	34.0	21.5	13.0	30.0	0.8	39.5	27.0	18.5	35.0	1.0					
3.9	24.5	21.5	15.0	20.0	0.8	34.0	22.5	14.5	30.0	0.8	39.5	28.5	20.5	35.0	1.0					
4.7	34.0	20.0	13.0	30.0	0.8	34.0	24.0	15.5	30.3	1.0	39.5	30.5	20.5	35.0	1.0					
5.6	34.0	21.0	14.0	30.0	0.8	34.0	25.5	17.0	30.0	1.0										
6.8	34.0	22.5	15.5	30.0	1.0	34.0	27.0	18.5	30.0	1.0										
8.2	34.0	23.5	17.0	30.0	1.0	34.0	29.0	20.5	30.0	1.0										
10.0	34.0	25.5	18.0	30.0	1.0	34.0	31.0	22.5	30.0	1.0										

# Metallized polyester film capacitor [CL21 MPE]

DIMENSIONS( SMALL SIZE)																				
Capacitance (uf)	50/63/100/160V					250V					400V					630V				
	W max	H max	T max	P	d	W max	H max	T max	P	d	W max	H max	T max	P	d	W max	H max	T max	P	d
0.010	11.0	9.5	5.5	7.5	0.6	11.0	9.5	5.5	7.5	0.6	11.0	9.5	5.5	7.5	0.6	13.0	9.0	5.0	10.0	0.6
0.012	11.0	10.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6	13.0	9.0	5.0	10.0	0.6
0.015	11.0	10.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6	13.0	9.5	5.5	10.0	0.6
0.018	11.0	10.5	6.5	7.5	0.6	11.0	10.5	6.5	7.5	0.6	11.0	10.5	6.5	7.5	0.6	13.0	10.0	6.0	10.0	0.6
0.022	11.0	9.5	5.5	7.5	0.6	11.0	9.5	5.5	7.5	0.6	11.0	9.5	5.5	7.5	0.6	13.0	10.0	6.0	10.0	0.6
0.027	11.0	10.0	5.5	7.5	0.6	11.0	10.0	6.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6	13.0	10.5	6.5	10.0	0.6
0.033	11.0	9.0	5.0	7.5	0.6	11.0	9.0	5.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6	13.0	11.0	7.0	10.0	0.6
0.039	11.0	9.5	5.0	7.5	0.6	11.0	9.5	5.0	7.5	0.6	11.0	10.5	6.5	7.5	0.6	13.0	11.5	7.0	10.0	0.6
0.047	11.0	9.5	5.5	7.5	0.6	11.0	9.5	5.5	7.5	0.6	11.0	11.0	7.0	7.5	0.6	17.0	12.0	7.0	12.5	0.6
0.056	11.0	10.0	5.5	7.5	0.6	11.0	10.0	6.0	7.5	0.6	13.0	11.0	6.0	10.0	0.6	17.0	12.5	7.5	12.5	0.6
0.068	11.0	9.5	5.5	7.5	0.6	11.0	9.5	5.5	7.5	0.6	13.0	11.5	6.5	10.0	0.6	17.0	13.0	8.0	12.5	0.6
0.082	11.0	9.5	6.0	7.5	0.6	11.0	9.5	6.0	7.5	0.6	13.0	12.0	7.0	10.0	0.6	17.0	13.5	8.5	12.5	0.6
0.10	11.0	9.0	5.0	7.5	0.6	11.0	10.0	6.0	7.5	0.6	13.0	12.0	7.0	10.0	0.6	19.0	14.0	8.0	15.0	0.8
0.12	11.0	9.0	5.0	7.5	0.6	11.0	10.5	6.5	7.5	0.6	13.0	13.0	8.0	10.0	0.6	19.0	14.5	9.0	15.0	0.8
0.15	11.0	9.0	5.0	7.5	0.6	11.0	11.0	7.0	7.5	0.6	19.0	12.0	7.5	15.0	0.6	19.0	15.0	9.5	15.0	0.8
0.18	11.0	9.5	5.5	7.5	0.6	13.0	11.0	6.0	10.0	0.6	19.0	13.0	8.0	15.0	0.6	19.0	16.0	10.0	15.0	0.8
0.22	11.0	10.0	6.0	7.5	0.6	13.0	11.5	6.5	10.0	0.6	19.0	14.0	8.0	15.0	0.6	19.0	17.0	11.0	15.0	0.8
0.27	11.0	10.0	6.0	7.5	0.6	13.0	12.0	7.0	10.0	0.6	19.0	14.5	9.0	15.0	0.6	24.0	17.0	10.0	20.0	0.8
0.33	13.0	10.5	6.0	10.0	0.6	13.0	13.0	7.0	10.0	0.6	19.0	15.0	9.5	15.0	0.8	24.0	18.0	10.5	20.0	0.8
0.39	13.0	11.0	6.0	10.0	0.6	19.0	12.5	6.5	15.0	0.6	19.0	16.0	10.0	15.0	0.8	24.0	19.0	11.5	20.0	0.8
0.47	13.0	11.5	6.5	10.0	0.6	19.0	13.0	7.0	15.0	0.8	19.0	17.0	11.0	15.0	0.8	29.0	19.0	10.5	25.0	0.8
0.56	13.0	12.0	7.0	10.0	0.6	19.0	13.0	7.5	15.0	0.8	24.0	16.0	10.0	20.0	0.8	29.0	20.0	11.0	25.0	0.8
0.68	19.0	12.0	6.5	15.0	0.6	19.0	14.0	8.0	15.0	0.8	24.0	17.0	11.0	20.0	0.8	29.0	21.0	12.5	25.0	0.8
0.82	19.0	13.0	7.0	15.0	0.6	19.0	14.5	9.0	15.0	0.8	24.0	18.0	12.0	20.0	0.8	29.0	22.5	13.5	25.0	0.8
1.0	19.0	13.0	7.5	15.0	0.8	19.0	15.0	9.5	15.0	0.8	29.0	18.0	11.0	25.0	0.8	34.0	22.5	13.5	30.0	0.8
1.2	19.0	14.0	8.0	15.0	0.8	24.0	14.5	9.0	20.0	0.8	29.0	19.0	12.0	25.0	0.8	34.0	23.5	15.0	30.0	0.8
1.5	19.0	14.5	9.0	15.0	0.8	24.0	15.0	9.5	20.0	0.8	29.0	20.5	13.0	25.0	0.8	34.0	25.0	16.0	30.0	0.8
1.8	19.0	15.0	9.5	15.0	0.8	24.0	17.0	10.0	20.0	0.8	34.0	21.0	12.5	30.0	0.8	34.0	27.0	18.0	30.0	0.8
2.2	24.0	15.5	8.5	20.0	0.8	24.0	18.0	10.5	20.0	0.8	34.0	22.5	14.0	30.0	0.8	34.0	28.5	20.0	30.0	0.8
2.7	24.0	16.0	9.0	20.0	0.8	24.0	19.0	12.0	20.0	0.8	34.0	24.0	15.0	30.0	0.8					
3.3	24.0	17.0	10.0	20.0	0.8	29.0	19.0	11.5	25.0	0.8	34.0	25.5	17.0	30.0	0.8					
3.9	24.0	18.0	10.5	20.0	0.8	29.0	19.5	12.0	25.0	0.8	34.0	27.0	18.0	30.0	0.8					
4.7	29.0	18.0	10.5	25.0	0.8	29.0	21.0	13.5	25.0	0.8	34.0	29.0	20.0	30.0	0.8					
5.6	29.0	18.5	11.0	25.0	0.8	34.0	20.5	13.0	30.0	0.8										
6.8	29.0	19.5	12.0	25.0	0.8	34.0	22.5	14.0	30.0	0.8										
8.2	29.0	20.5	13.0	25.0	0.8	34.0	24.0	15.0	30.0	0.8										
10.0	29.0	22.0	14.5	25.0	0.8	34.0	25.5	16.5	30.0	0.8										