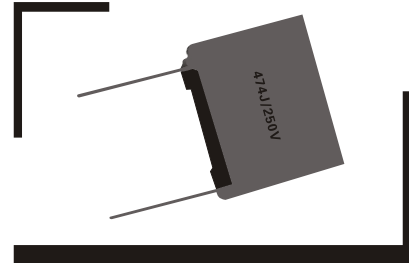


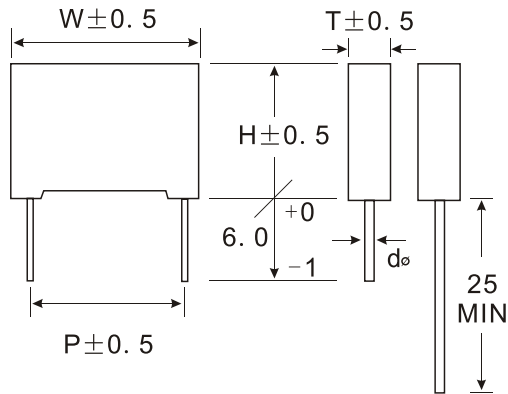
CL23 (MEC) series Metallized polyester Film Capacitor

Features:

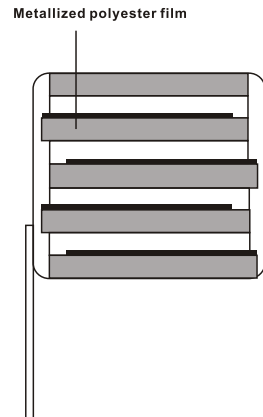
- ❑ Non-inductively wound with metallized polyester film as dielectric
- ❑ Good self-healing properties and solder ability
- ❑ Encapsulated in plastic case with epoxy resin filled
- ❑ Suitable for by-passing, blocking and coupling
- ❑ Widely used in filter and low pulse circuits.



Outline Drawing:



Winding Constructions:



Technical Data:

Reference Standard	GB/T 14579 (IEC 60384-2)	
Climatic Category	55/100/56	
Rated temperature	85°C	
Operating temperature range	-55°C~+100°C (+85°C to +100°C; decreasing factor 1.25% per °C for V_R (dc))	
Rated Voltage	100/160V、250V、400V、630V	
Capacitance Range	0.01 μ F ~2.2 μ F	
Capacitance Tolerance	\pm 5%(J)、 \pm 10%(K)	
Voltage Proof	1.6 U_R (60s)	
Dissipation Factor	\leq 0.1% (20°C,1KHz) \leq 0.2%(20°C,10KHz)	
Insulation Resistance	$U_R > 100V$	\geq 30 000M Ω , $C_R \leq 0.33 \mu F$; \geq 10000s, $C_R > 0.33 \mu F$ (20°C, 100V,1min)
	$U_R \leq 100V$	\geq 15 000M Ω , $C_R \leq 0.33 \mu F$; \geq 5000s, $C_R > 0.33 \mu F$ (20°C, 100V,1min)

Dimensions(In mm)

Ratedcap (μ F)	100/160VDC					Ratedcap (μ F)	250VDC				
	W	H	T	P	d ϕ		W	H	T	P	d ϕ
0.22	10.5	8.5	3.5	7.5	0.5	0.068	10.5	8.5	3.5	7.5	0.6
0.33	10.5	9.0	4.0	7.5	0.6	0.10	10.5	8.5	3.5	7.5	0.6
0.47	10.5	9.0	4.0	7.5	0.6	0.15	10.5	9.0	4.0	7.5	0.6
0.68	10.5	11.0	5.0	7.5	0.6	0.22	10.5	11.0	5.0	7.5	0.6
1.0	10.5	12.0	6.0	7.5	0.6	0.27	10.5	12.0	6.0	7.5	0.6
0.10	13.0	9.0	4.0	10.0	0.6	0.33	10.5	12.0	6.0	7.5	0.6
0.15	13.0	9.0	4.0	10.0	0.6	0.033	13.0	9.0	4.0	7.5	0.6
0.22	13.0	9.0	4.0	10.0	0.6	0.047	13.0	9.0	4.0	10.0	0.6
0.33	13.0	9.0	4.0	10.0	0.6	0.068	13.0	9.0	4.0	10.0	0.6
0.47	13.0	9.0	4.0	10.0	0.6	0.10	13.0	9.0	4.0	10.0	0.6
0.68	13.0	9.0	4.0	10.0	0.6	0.15	13.0	9.0	4.0	10.0	0.6
1.0	13.0	11.0	5.0	10.0	0.6	0.22	13.0	11.0	5.0	10.0	0.6
1.5	13.0	12.0	6.0	10.0	0.6	0.33	13.0	11.0	5.0	10.0	0.6
0.33	17.5	11.0	5.0	15.0	0.8	0.47	13.0	12.0	6.0	10.0	0.6
0.47	17.5	11.0	5.0	15.0	0.8	0.10	17.5	11.0	5.0	15.0	0.8
0.68	17.5	11.0	5.0	15.0	0.8	0.15	17.5	11.0	5.0	15.0	0.8
1.0	17.5	11.0	5.0	15.0	0.8	0.22	17.5	11.0	5.0	15.0	0.8
1.5	17.5	12.0	6.0	15.0	0.8	0.33	17.5	11.0	5.0	15.0	0.8
1.8	17.5	12.0	6.0	15.0	0.8	0.47	17.5	11.0	5.0	15.0	0.8
2.2	17.5	12.0	6.0	15.0	0.8	0.68	17.5	11.0	5.0	15.0	0.8
3.3	17.5	13.5	7.5	15.0	0.8	1.0	17.5	13.5	7.5	15.0	0.8
4.7	17.5		6.5	15.0	0.8	1.5	17.5	14.5	8.5	15.0	0.8
						0.47	26.5	15.0	6.0	22.5	0.8
						0.68	26.5	15.0	6.0	22.5	0.8
						1.0	26.5	15.0	6.0	22.5	0.8
						1.5	26.5	16.0	7.0	22.5	0.8
						1.8	26.5	16.0	7.0	22.5	0.8
						2.2	26.5	17.0	8.5	22.5	0.8
						3.3	26.5	20.0	11.0	22.5	0.8
						1.0	32.0	18.0	9.0	27.5	0.8
						1.5	32.0	18.0	9.0	27.5	0.8
						1.8	32.0	18.0	9.0	27.5	0.8
						2.2	32.0	18.0	9.0	27.5	0.8
						3.3	32.0	18.0	9.0	27.5	0.8
						4.7	32.0	20.0	11.0	27.5	0.8

Ratedcap (μ F)	400VDC					Ratedcap (μ F)	630VDC				
	W	H	T	P	d ϕ		W	H	T	P	d ϕ
0.022	10.5	8.5	3.5	7.5	0.5	0.0047	10.5	8.5	3.5	7.5	0.5
0.033	10.5	8.5	3.5	7.5	0.5	0.0068	10.5	8.5	3.5	7.5	0.5
0.047	10.5	9.0	4.0	7.5	0.6	0.010	10.5	8.5	3.5	7.5	0.5
0.068	10.5	11.0	5.0	7.5	0.6	0.015	10.5	9.0	4.0	7.5	0.6
0.10	10.5	12.0	6.0	7.5	0.6	0.022	10.5	11.0	5.0	7.5	0.6
0.010	13.0	9.0	4.0	10.0	0.6	0.033	10.5	12.0	6.0	7.5	0.6
0.015	13.0	9.0	4.0	10.0	0.6	0.0047	13.0	9.0	4.0	10.0	0.6
0.022	13.0	9.0	4.0	10.0	0.6	0.0068	13.0	9.0	4.0	10.0	0.6
0.033	13.0	9.0	4.0	10.0	0.6	0.010	13.0	9.0	4.0	10.0	0.6
0.047	13.0	9.0	4.0	10.0	0.6	0.015	13.0	9.0	4.0	10.0	0.6
0.056	13.0	9.0	4.0	10.0	0.6	0.022	13.0	9.0	4.0	10.0	0.6
0.068	13.0	11.0	5.0	10.0	0.6	0.033	13.0	11.0	5.0	10.0	0.6
0.10	13.0	11.0	5.0	10.0	0.6	0.047	13.0	11.0	5.0	10.0	0.6
0.15	13.0	12.0	6.0	10.0	0.6	0.068	13.0	12.0	6.0	10.0	0.6
0.047	17.5	11.0	5.0	15.0	0.8	0.033	17.5	11.0	5.0	15.0	0.8
0.068	17.5	11.0	5.0	15.0	0.8	0.047	17.5	11.0	5.0	15.0	0.8
0.10	17.5	11.0	5.0	15.0	0.8	0.068	17.5	11.0	5.0	15.0	0.8
0.15	17.5	11.0	5.0	15.0	0.8	0.10	17.5	12.0	6.0	15.0	0.8
0.22	17.5	12.0	6.0	15.0	0.8	0.15	17.5	13.5	7.5	15.0	0.8
0.33	17.5	13.5	7.5	15.0	0.8	0.22	17.5	16.0	10.0	15.0	0.8
0.47	17.5	14.5	8.5	15.0	0.8	0.33	17.5	19.0	11.0	15.0	0.8
0.68	17.5	16.0	10.0	15.0	0.8	0.10	26.5	15.0	6.0	22.5	0.8
0.22	26.5	15.0	6.0	22.5	0.8	0.15	26.5	15.0	6.0	22.5	0.8
0.33	26.5	15.0	6.0	22.5	0.8	0.22	26.5	16.0	7.0	22.5	0.8
0.47	26.5	15.0	6.0	22.5	0.8	0.33	26.5	16.0	7.0	22.5	0.8
0.68	26.5	16.0	7.0	22.5	0.8	0.47	26.5	17.0	8.5	22.5	0.8
1.0	26.5	18.5	10.0	22.5	0.8	0.68	26.5	22.0	12.0	22.5	0.8
1.5	26.5	22.0	12.0	22.5	0.8						
0.68	32.0	18.0	9.0	27.5	0.8						
1.0	32.0	18.0	9.0	27.5	0.8						
1.5	32.0	20.0	11.0	27.5	0.8						

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