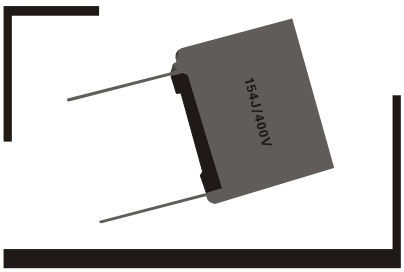
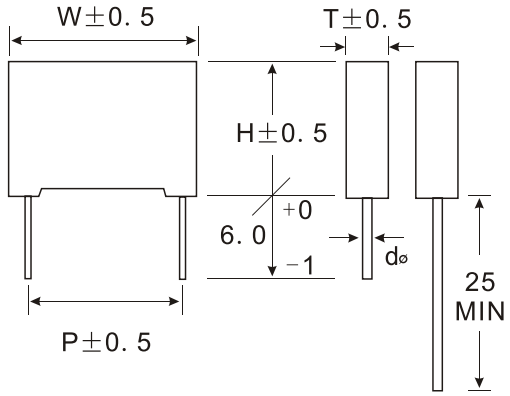
CBB23(MKP21) Series Metallized Polypropylene Film Capacitor



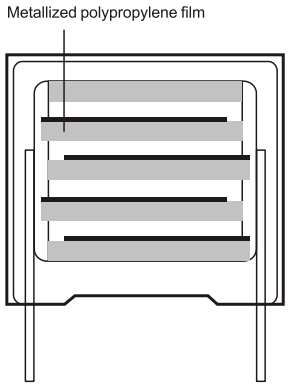
Features:

- Metallized polypropylene structure
- Low loss at high frequency,small inherent temperature rise.,plastic case (UL94 V–0), Epoxy resin sealing.
- Widely used in high frequency,DC,AC and pulse circuits,S–correction circuits for TV sets And monitors

Outline Drawing:



Winding Constructions:



Technical Data:

Reference Standard	GB/T 14579(IEC 60384-17)	
Climatic Category	40/100/21	
Rated temperature	85℃	
Operating temperature range	−40℃~+100℃ (+85℃ to +100℃: decreasing factor 1.25% per ℃ for V_R(dc))	
Rated Voltage	160Vdc(90Vac),250Vdc(160Vac),400Vdc(220Vac),630Vdc(250Vac)	
Capacitance Range	0.001μF–4.7μF	
Capacitance Tolerance	±2%(G),±5%(J)、±10%(K),±20%	
Voltage Proof	1.6U_R (5s)	
Dissipation Factor	≤1.0% (20℃,1kHz)	
Insulation Resistance	≥50 000MΩ, C_R≤0.33μF; ≥15 000s, C_R>0.33μF	(20℃,10V, 1min)

Dimensions(In mm):

Ratedcap (μF)	160VDC(90Vac)					250VDC(160Vac)					400VDC(220Vac)				
	W	H	T	P	dø	W	H	T	P	dø	W	H	T	P	dø
0.0039											7.2	7.5	3.5	5.0	0.5
0.0047											7.2	7.5	3.5	5.0	0.5
0.0056											7.2	7.5	3.5	5.0	0.5
0.0068											7.2	7.5	3.5	5.0	0.5
0.0082											7.2	7.5	3.5	5.0	0.5
0.010											7.2 10.5	7.5 9.0	3.5 4.0	5.0 7.5	0.5 0.6
0.012						7.2	7.5	3.5	5.0	0.5	7.2 10.5	9.5 9.0	4.5 4.0	5.0 7.5	0.6 0.6
0.015						7.2	7.5	3.5	5.0	0.5	7.2 10.5	9.5 9.0	4.5 4.0	5.0 7.5	0.6 0.6
0.018						7.2	7.5	3.5	5.0	0.5	7.2 10.5	10.0 9.0	5.0 4.0	5.0 7.5	0.6 0.6
0.022						7.2	7.5	3.5	5.0	0.5	7.2 10.5 13.0	10.0 9.0 9.0	5.0 4.0 4.0	5.0 7.5 10.0	0.6 0.6 0.6
0.027						7.2 10.5	7.5 9.0	3.5 4.0	5.0 7.5	0.5 0.6	7.2 10.5	11.0 11.0	6.0 5.0	5.0 7.5	0.6 0.6
0.033						7.2 10.5 13.0	7.5 9.0 9.0	3.5 4.0 4.0	5.0 7.5 10.0	0.5 0.6 0.6	7.2 10.5 13.0	11.0 11.0 11.0	6.0 5.0 5.0	5.0 7.5 10.0	0.6 0.6 0.6
0.039						7.2 10.5 13.0	9.5 9.0 9.0	4.5 4.0 4.0	5.0 7.5 10.0	0.6 0.6 0.6	10.5 13.0	12.0 11.0	6.0 5.0	7.5 10.0	0.6 0.6
0.047						7.2 10.5 13.0	9.5 9.0 9.0	4.5 4.0 4.0	5.0 7.5 10.0	0.6 0.6 0.6	10.5 13.0	12.0 11.0	6.0 5.0	7.5 10.0	0.6 0.6
0.056						7.2 10.5 13.0	9.5 9.0 9.0	4.5 4.0 4.0	5.0 7.5 10.0	0.6 0.6 0.6	13.0	12.0	6.0	10.0	0.6
0.068	7.2 10.5	9.5 9.0	4.5 4.0	5.0 7.5	0.6 0.6	7.2 10.5 13.0	10.0 11.0 9.0	5.0 5.0 4.0	5.0 7.5 10.0	0.6 0.6 0.6	13.0 17.5	12.0 11.0	6.0 5.0	10.0 15.0	0.6 0.8
0.082	7.2 10.5	10.0 9.0	5.0 4.0	5.0 7.5	0.6 0.6	7.2 10.5 13.0	11.0 11.0 11.0	6.0 5.0 5.0	5.0 7.5 10.0	0.6 0.6 0.6	17.5	11.0	5.0	15.0	0.8
0.10	10.5 13.0	11.0 9.0	5.0 4.0	7.5 10.0	0.6 0.6	7.2 10.5 13.0	11.0 12.0 11.0	6.0 6.0 5.0	5.0 7.5 10.0	0.6 0.6 0.6	17.5	11.0	5.0	15.0	0.8
0.12	10.5 13.0	11.0 11.0	5.0 5.0	7.5 10.0	0.6 0.6	10.5 13.0	12.0 12.0	6.0 6.0	7.5 10.0	0.6 0.6	17.5	12.0	6.0	15.0	0.8
0.15	10.5 13.0	12.0 11.0	6.0 5.0	7.5 10.0	0.6 0.6	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
0.18	10.5 13.0 17.5	12.0 12.0 11.0	6.0 6.0 5.0	7.5 10.0 15.0	0.6 0.6 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
0.22	13.0 17.5	12.0 11.0	6.0 5.0	10.0 15.0	0.6 0.8	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
0.33	17.5	12.0	6.0	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
0.39	17.5	13.5	7.5	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	16.0 16.0	10.0 7.0	15.0 22.5	0.8 0.8
0.47	17.5	13.5	7.5	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	16.0 16.0	10.0 7.0	15.0 22.5	0.8 0.8
0.56	17.5	13.5	7.5	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 17.0	11.0 8.5	15.0 22.5	0.8 0.8
0.68	17.5	14.5	8.5	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	18.5 18.0	10.0 9.0	22.5 27.5	0.8 0.8
0.82	17.5 26.5	16.0 16.0	10.0 7.0	15.0 22.5	0.8 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
1.0	17.5 26.5	16.0 16.0	10.0 7.0	15.0 22.5	0.8 0.8	26.5 32.0	16.0 18.0	7.0 9.0	22.5 27.5	0.8 0.8	26.5	22.0	12.0	22.5	0.8
1.2	26.5	17.0	8.5	22.5	0.8	26.5 32.0	17.0 18.0	8.5 9.0	22.5 27.5	0.8 0.8	32.0	20.0	11.0	27.5	0.8
1.5	26.5	18.5	10.0	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
1.8	26.5	18.5	10.0	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
2.2	32.0	20.0	11.0	27.5	0.8	32.0	20.0	11.0	27.5	0.8	32.0	24.5	15.0	27.5	0.8
2.7	32.0	20.0	11.0	27.5	0.8	32.0	20.0	11.0	27.5	0.8	32.0	28.0	14.0	27.5	0.8
3.3	32.0	22.0	13.0	27.5	0.8	32.0	22.0	13.0	27.5	0.8	32.0	33.0	18.0	27.5	0.8
3.9	32.0	22.0	13.0	27.5	0.8	32.0	22.0	13.0	27.5	0.8					
4.7	32.0	24.5	15.0	27.5	0.8	32.0	24.5	15.0	27.5	0.8					

Ratedcap (μF)	630VDC(250Vac)				
	W	H	T	P	dø
0.0010	7.2 10.5 13.0	7.5 9.0 9.0	3.5 4.0 4.0	5.0 7.5 10.0	0.5 0.6 0.6
0.0012	7.2 10.5 13.0	7.5 9.0 9.0	3.5 4.0 4.0	5.0 7.5 10.0	0.5 0.6 0.6
0.0015	7.2 10.5 13.0	7.5 9.0 9.0	3.5 4.0 4.0	5.0 7.5 10.0	0.5 0.6 0.6
0.0018	7.2 10.5 13.0	7.5 9.0 9.0	3.5 4.0 4.0	5.0 7.5 10.0	0.5 0.6 0.6
0.0022	7.2 10.5 13.0	7.5 9.0 9.0	3.5 4.0 4.0	5.0 7.5 10.0	0.5 0.6 0.6
0.0027	7.2 10.5 13.0	7.5 9.0 9.0	3.5 4.0 4.0	5.0 7.5 10.0	0.5 0.6 0.6
0.0033	7.2 10.5 13.0	7.5 9.0 9.0	3.5 4.0 4.0	5.0 7.5 10.0	0.5 0.6 0.6
0.0039	7.2 10.5 13.0	9.5 9.0 9.0	4.5 4.0 4.0	5.0 7.5 10.0	0.6 0.6 0.6
0.0047	7.2 10.5 13.0	9.5 9.0 9.0	4.5 4.0 4.0	5.0 7.5 10.0	0.6 0.6 0.6
0.0056	7.2 10.5 13.0	9.5 9.0 9.0	4.5 4.0 4.0	5.0 7.5 10.0	0.6 0.6 0.6
0.0068	7.2 10.5 13.0	10.0 9.0 9.0	5.0 4.0 4.0	5.0 7.5 10.0	0.6 0.6 0.6
0.0082	7.2 10.5 13.0	11.0 9.0 9.0	6.0 4.0 4.0	5.0 7.5 10.0	0.6 0.6 0.6
0.010	7.2 10.5 13.0	11.0 11.0 9.0	6.0 5.0 4.0	5.0 7.5 10.0	0.6 0.6 0.6
0.012	7.2 10.5 13.0	11.0 11.0 9.0	6.0 5.0 4.0	5.0 7.5 10.0	0.6 0.6 0.6
0.015	10.5 13.0	12.0 11.0	6.0 5.0	7.5 10.0	0.6 0.6
0.018	10.5 13.0	12.0 11.0	6.0 5.0	7.5 10.0	0.6 0.6
0.022	13.0	12.0	6.0	10.0	0.6
0.027	13.0 17.5	12.0 11.0	6.0 5.0	10.0 15.0	0.6 0.8
0.033	17.5	11.0	5.0	15.0	0.8
0.039	17.5	11.0	5.0	15.0	0.8
0.047	17.5	11.0	5.0	15.0	0.8
0.056	17.5	11.0	5.0	15.0	0.8
0.068	17.5	12.0	6.0	15.0	0.8
0.082	17.5 26.5	12.0 15.0	6.0 6.0	15.0 22.5	0.8 0.8
0.10	17.5 26.5	13.5 15.0	7.5 6.0	15.0 22.5	0.8 0.8
0.12	17.5 26.5	13.5 15.0	7.5 6.0	15.0 22.5	0.8 0.8
0.15	17.5 26.5	13.5 15.0	7.5 6.0	15.0 22.5	0.8 0.8
0.18	17.5 26.5	14.5 15.0	8.5 6.0	15.0 22.5	0.8 0.8
0.22	17.5 26.5	16.0 16.0	10.0 7.0	15.0 22.5	0.8 0.8
0.27	17.5 26.5	19.0 17.0	11.0 8.5	15.0 22.5	0.8 0.8
0.33	17.5 26.5	19.0 17.0	11.0 8.5	15.0 22.5	0.8 0.8
0.39	26.5	18.5	10.0	22.5	0.8
0.47	26.5	18.5	10.0	22.5	0.8
0.56	26.5 32.0	22.0 20.0	12.0 11.0	22.5 27.5	0.8 0.8
0.68	26.5 32.0	22.0 20.0	12.0 11.0	22.5 27.5	0.8 0.8
0.82	32.0	22.0	13.0	27.5	0.8
1.0	32.0	22.0	13.0	27.5	0.8
1.2	32.0	28.0	14.0	27.5	0.8
1.5	32.0	28.0	14.0	27.5	0.8
1.8	32.0	33.0	18.0	27.5	0.8
2.2	32.0	33.0	18.0	27.5	0.8
2.7	32.0	37.0	22.0	27.5	0.8
3.3	32.0	37.0	22.0	27.5	0.8