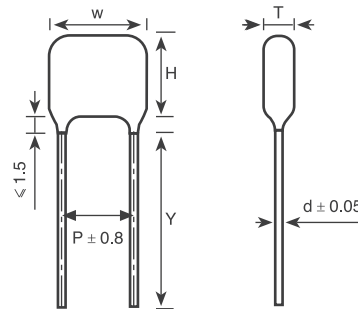
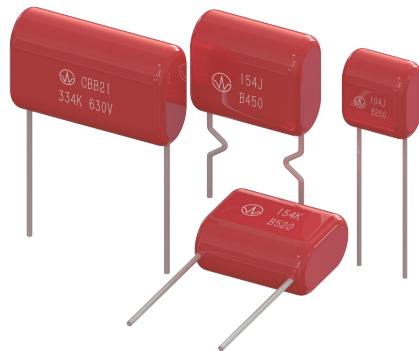


# CBB21(22) 金属化聚丙烯膜电容器 Metallized polypropylene film capacitor

## 外形图 Outline Drawing



单位 Unit: mm

## 特点 Features

- 金属化聚丙烯膜
- 高频损耗小
- 内部温升小
- 阻燃环氧粉末包封 (UL94/V-0)
- Metallized polypropylene film
- Low loss at high frequency
- Small inherent temperature rise
- Flame retardant epoxy resin powder coating (UL94/V-0)

## 主要用途 Typical Applications

- 广泛应用于高频、直流、交流和脉冲电路中
- 适用于大屏幕显示器的S校正电路
- 适用于各种高频、大电流场合
- Widely used in high frequency, DC, AC and pulse circuits
- Suitable for S-correction circuits of large screen monitor
- Suitable for the situation where applies high frequency and high current pulse

## 技术要求 Specifications

引用标准 Reference Standard	GB/T 10190 ( IEC 60384-16 )				
气候类别 Climatic Category	40/105/21				
额定温度 Rated Temperature	85℃				
工作温度范围 Operating Temperature Range	-40℃~105℃				
额定电压 Rated Voltage	100V, 250V, 400V, 630V, 1000V, 1250V				
电容量范围 Capacitance Range	0.0010 μF ~ 3.3 μF				
电容量偏差 Capacitance Tolerance	± 5% ( J ) , ± 10% ( K ) , ± 20% ( M )				
耐电压 Voltage Proof	1.6U <sub>R</sub> ( 5s )				
损耗角正切 Dissipation Factor	≤ 10 × 10 <sup>-4</sup> ( 1kHz, 20℃ )				
绝缘电阻 Insulation Resistance	R ≥ 25000MΩ , C <sub>N</sub> ≤ 0.33 μF RC <sub>N</sub> ≥ 7500s, C <sub>N</sub> > 0.33 μF ( 20℃, 100V, 1min )				
最大脉冲爬升速率 Maximum Pulse Rise Time (dV/dt): 若实际工作电压U比额定电压U <sub>R</sub> 低, 电容器可工作在更高的dV/dt场合, 这样dV/dt允许值应为右表值乘以U <sub>R</sub> /U。 If the working voltage (U) is lower than the rated voltage (U <sub>R</sub> ), the capacitor can be worked at a higher dV/dt. In this case, the maximum allowed dV/dt is obtain by multiplying the right value with U <sub>R</sub> /U.					
U <sub>R</sub> (V)	dV/dt ( V/μs )				
	P=7.5	P=10.0	P=15.0	P=22.5	
	100/250	660	560	310	130
	400	900	780	600	300
	630	1500	1200	900	400
1000/1250	2500	2200	---	---	

■ 外形尺寸 Dimensions (mm)

100Vdc (63Vac) / 250Vdc (160Vac)					
C <sub>N</sub> (μF)	W	H	T	P	d
0.010	9.8	7.7	4.0	7.5	0.6
0.012	9.8	7.9	4.3	7.5	0.6
0.015	9.8	7.8	4.2	7.5	0.6
0.018	9.8	8.1	4.4	7.5	0.6
0.020	9.8	8.2	4.6	7.5	0.6
0.022	9.8	8.4	4.8	7.5	0.6
0.027	9.8	7.6	4.0	7.5	0.6
0.033	9.8	7.9	4.2	7.5	0.6
0.039	9.8	8.1	4.5	7.5	0.6
0.047	9.8	8.5	4.8	7.5	0.6
0.056	12.5	8.1	4.5	10.0	0.6
0.068	12.5	8.5	4.8	10.0	0.6
0.082	12.5	8.8	5.2	10.0	0.6
0.10	12.5	8.3	4.7	10.0	0.6
0.12	12.5	8.6	5.0	10.0	0.6
0.15	12.5	8.9	5.2	10.0	0.6
0.18	12.5	9.3	5.6	10.0	0.6
0.22	12.5	9.8	6.1	10.0	0.6
0.27	17.5	10.5	5.3	15.0	0.6
0.33	17.5	11.0	5.8	15.0	0.6
0.39	17.5	11.4	6.2	15.0	0.6
0.47	17.5	12.0	6.6	15.0	0.6
0.56	17.5	12.4	7.2	15.0	0.6
0.68	17.5	13.5	7.8	15.0	0.8
0.82	17.5	14.2	8.5	15.0	0.8
1.0	17.5	15.0	9.3	15.0	0.8
1.2	25.2	14.8	7.5	22.5	0.8
1.5	25.2	15.6	8.3	22.5	0.8
1.8	25.2	16.4	9.1	22.5	0.8
2.0	25.2	16.9	10.1	22.5	0.8
2.2	25.2	18.3	9.9	22.5	0.8
2.7	25.2	19.3	10.9	22.5	0.8
3.0	25.2	19.9	11.6	22.5	0.8
3.3	25.2	20.5	12.1	22.5	0.8

400Vdc (200Vac)					
C <sub>N</sub> (μF)	W	H	T	P	d
0.010	9.8	7.8	4.1	7.5	0.6
0.012	9.8	8.8	4.4	7.5	0.6
0.015	9.8	8.4	4.7	7.5	0.6
0.018	9.8	8.7	5.0	7.5	0.6
0.020	9.8	8.9	5.3	7.5	0.6
0.022	9.8	9.1	5.5	7.5	0.6
0.033	9.8	9.5	6.0	7.5	0.6
0.027	12.5	8.1	4.5	10.0	0.6
0.033	12.5	8.5	4.8	10.0	0.6
0.039	12.5	8.7	5.0	10.0	0.6
0.047	12.5	9.0	5.5	10.0	0.6
0.056	12.5	9.4	5.8	10.0	0.6
0.068	12.5	9.1	5.4	10.0	0.6
0.082	12.5	9.5	5.9	10.0	0.6
0.10	12.5	10.0	6.4	10.0	0.6
0.10	17.5	8.3	4.5	15.0	0.6
0.15	17.5	11.2	6.0	15.0	0.6
0.18	17.5	11.6	6.4	15.0	0.6
0.22	17.5	12.2	7.0	15.0	0.6
0.27	17.5	12.9	7.6	15.0	0.8
0.33	17.5	14.1	8.4	15.0	0.8
0.39	17.5	14.7	9.0	15.0	0.8
0.47	17.5	15.5	9.8	15.0	0.8
0.68	17.5	17.5	10.5	15.0	0.8
0.56	25.2	15.2	7.9	22.5	0.8
0.68	25.2	15.9	9.1	22.5	0.8
0.82	25.2	16.7	10.0	22.5	0.8
1.0	25.2	17.7	10.9	22.5	0.8

■ 外形尺寸 Dimensions (mm)

630Vdc (220Vac)					
C <sub>N</sub> (μF)	W	H	T	P	d
0.0010	4.3	7.9	10.0	7.5	0.6
0.0012	4.5	8.2	10.0	7.5	0.6
0.0015	4.4	8.1	10.0	7.5	0.6
0.0018	4.2	7.8	10.0	7.5	0.6
0.0020	4.3	8.0	10.0	7.5	0.6
0.0022	4.5	8.1	10.0	7.5	0.6
0.0027	4.5	8.1	10.0	7.5	0.6
0.0033	4.8	8.5	10.0	7.5	0.6
0.0039	4.5	8.2	10.0	7.5	0.6
0.0047	4.9	8.5	10.0	7.5	0.6
0.0056	5.2	8.8	10.0	7.5	0.6
0.0068	4.4	8.0	12.5	10.0	0.6
0.0082	4.7	8.3	12.5	10.0	0.6
0.01	4.1	7.8	12.5	10.0	0.6
0.012	4.4	8.0	12.5	10.0	0.6
0.015	4.7	8.3	12.5	10.0	0.6
0.018	4.9	8.6	12.5	10.0	0.6
0.020	5.1	8.8	12.5	10.0	0.6
0.022	5.3	8.9	12.5	10.0	0.6
0.027	5.7	9.4	12.5	10.0	0.6
0.033	6.2	9.9	12.5	10.0	0.6
0.039	8.7	10.3	12.5	10.0	0.6
0.047	5.6	10.8	17.5	15.0	0.6
0.056	6.0	11.2	17.5	15.0	0.6
0.068	6.5	11.7	17.5	15.0	0.6
0.082	7.0	12.2	17.5	15.0	0.6
0.10	7.6	12.8	17.5	15.0	0.8
0.12	8.2	13.9	17.5	15.0	0.8
0.15	9.0	14.7	17.5	15.0	0.8
0.18	9.8	15.5	17.5	15.0	0.8
0.20	10.3	16.0	17.5	15.0	0.8
0.22	10.3	16.0	17.5	15.0	0.8
0.33	10.5	16.0	17.5	15.0	0.8
0.47	10.5	16.2	17.5	15.0	0.8
0.68	10.5	16.5	17.5	15.0	0.8
0.82	11.0	16.8	17.5	15.0	0.8
0.22	7.9	15.2	25.2	22.5	0.8
0.27	9.2	15.9	25.2	22.5	0.8
0.33	10.0	16.8	25.2	22.5	0.8
0.39	10.8	17.6	25.2	22.5	0.8
0.47	11.8	18.6	25.2	22.5	0.8
0.56	12.8	19.6	25.2	22.5	0.8

1000/1250Vdc (400Vac)					
C <sub>N</sub> (μF)	W	H	T	P	d
0.0010	4.3	7.9	10.0	7.5	0.6
0.0012	4.5	8.2	10.0	7.5	0.6
0.0015	4.4	8.1	10.0	7.5	0.6
0.0018	4.2	7.8	10.0	7.5	0.6
0.0022	4.5	8.1	10.0	7.5	0.6
0.0027	4.2	7.8	10.0	7.5	0.6
0.0033	4.5	8.2	10.0	7.5	0.6
0.0039	4.8	8.4	10.0	7.5	0.6
0.0047	4.7	8.3	10.0	7.5	0.6
0.0056	5.0	8.7	10.0	7.5	0.6
0.0068	5.2	8.9	12.5	10.0	0.6
0.0082	5.6	9.3	12.5	10.0	0.6
0.01	6.3	9.9	12.5	10.0	0.6

注：上表中未包含的产品规格可根据用户要求进行设计和制造

Note: Product specifications not included in this table can be designed and manufactured according to user requirements