

CBB21 (MPP)

Metallized Polypropylene Film Capacitors Special for LED

RoHS COMPLIANT



■Reference Standard

GB10190 (IEC384-16)

■Structures

Material: Polypropylene film

Electrode: Metallized Vacuum Evaporated

Layer (With complexing jumbo-size Zinc

And Aluminum)Enveloped with Fire-proof

Epoxy Resin Pin: CP Leads

■Using area

In AC brownout circuits

E.G In LED using.

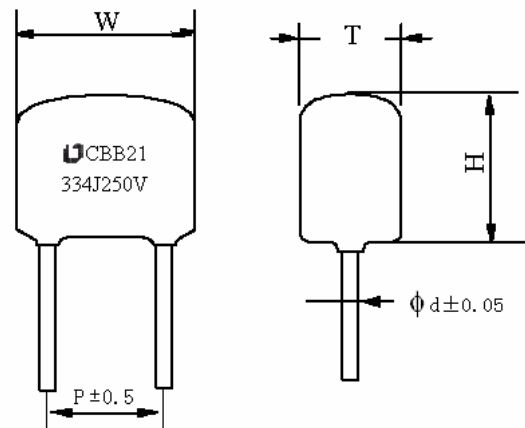
■Features:

Small Size with good self-healing effect .

Very low loss at high frequency, the low temperature in changing with high impact .

Have well voltage proof features under the high frequency AC current.

■Outline Drawing

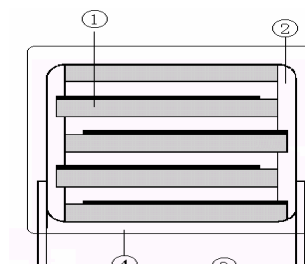


Pitch mm	10	15	20
Diameter mm	0.6	0.6/0.8	0.8

■Specifications

Climate Conditions	-40--+85℃/+110℃			
Rated Voltage dc	250V、400V			
Cap. Tolerance	0.22μF-2.2μF			
Cap. Tolerance	±5% ±10%			
Testing Voltage	1.6UR (5S)			
Insulation Resistance and Time Consistence	≤0.33μF	≥25000MΩ		
	>0.33μF	≥7500S (MΩ. μF)		
Dissipation Factor	≤0.001 1kHz 20℃			
Climate Category	Temperature: 40±2℃ Humidity: 93%RH Lasting Time: 21 Days There is no visible damage with the clearly mark. Capacitance: ΔC/C≤5% Dissipation Factor (1KHz): Increasing≤0.002 Insulation Resistance IR: ≥50% of Rated			
Endurance Test	+85℃/110℃, 1000h Applying Voltage:1.25*Rate Voltage Capacitance: ΔC/C≤5% Insulation Resistance: ≥50% of Rated			
dv/dt (v/μs)	Pitch	10	15	20
	dv/dt	400	200	150

■Structure



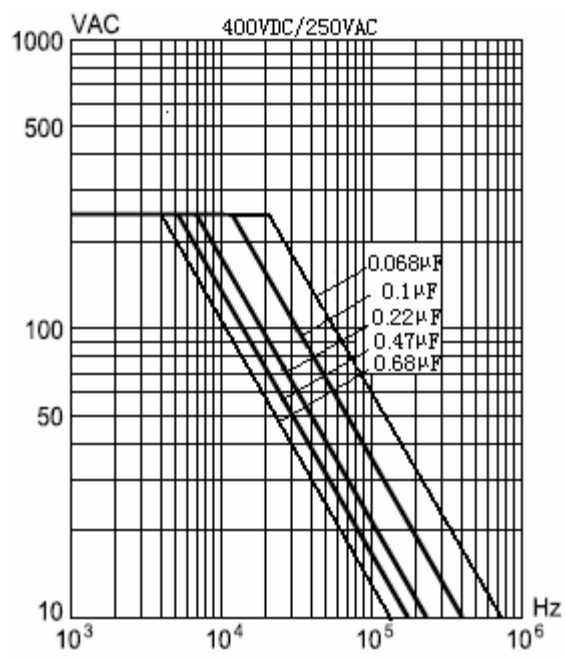
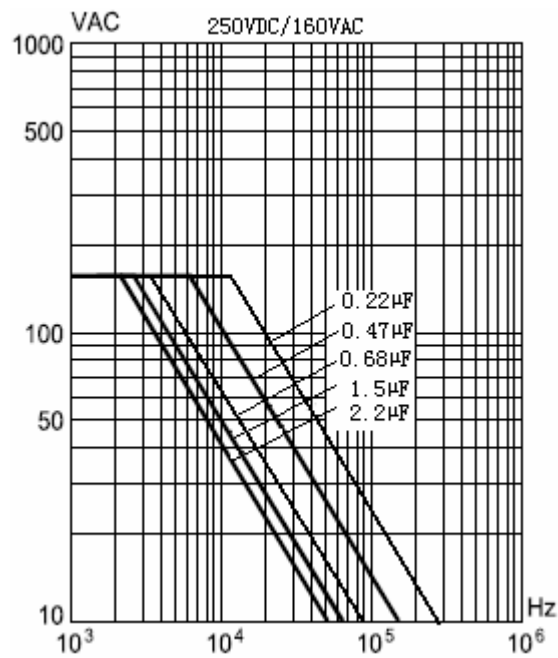
Explanations:

- ① Metallized Polypropylene Film
- ② Metal Spray Layer
- ③ CP Leads
- ④ Red Epoxy Resin
- ⑤ ROHS Compliant

■The exchanging of AC and DC

Direct Current	250VDC	400VDC
Alternate Current	160VAC	250VAC

■The Relationship of AC Voltage Proof and Frequenc



CBB21B (MPB) Dimension Lists

Cap.	Part No.	Dimensions (mm)			Pitch (mm)
		W±1.0	0	H±1.0	
250VDC					
334	MPP334K(J)213061100	13	6	11	10
394	MPP394K(J)213061100	13	6.5	11.5	10
474	MPP474K(J)213071300	13	7.3	12.7	10
564	MPP564K(J)213081300	13	8	13.3	10
564	MPP564K(J)219051100	18	5.5	10.5	15
684	MPP684K(J)219061100	18	6	11	15
824	MPP824K(J)219071200	18	6.6	11.7	15
105	MPP105K(J)219071300	18	7.5	13	15
125	MPP125K(J)219081400	18	8.2	13.6	15
155	MPP155K(J)219081500	18	8.5	15.5	15
185	MPP185K(J)219101700	18	10	16.8	15
205	MPP205K(J)219101700	18	10.5	17.3	15
225	MPP225K(J)219111800	18	11	17.8	15

Cap.	Part No.	Dimensions (mm)			Pitch (mm)
		W±1.0	T ±1.0	H±1.0	
400VDC					
224	MPP224K(J)413061100	13	6.5	11.5	10
274	MPP274K(J)413071300	13	7.4	12.8	10
334	MPP334K(J)413081300	13	8.2	13.6	10
394	MPP394K(J)419061100	18	6.3	11.3	15
474	MPP474K(J)419061300	18	6.3	13	15
564	MPP564K(J)419071300	18	6.8	13.5	15
684	MPP684K(J)419081500	18	7.5	14.5	15
824	MPP824K(J)419081500	18	8.5	15.5	15
824	MPP824K(J)424071300	23	6.8	13.4	20
105	MPP105K(J)419101700	18	10	17	15
105	MPP105K(J)424081500	23	7.8	14.8	20
125	MPP125K(J)424081500	23	8.4	15.4	20
155	MPP155K(J)424101700	23	10	17	20
185	MPP185K(J)424101900	23	10	19	20