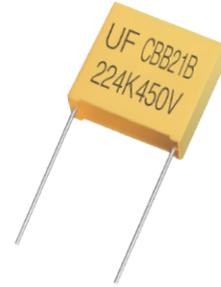


## CBB21B Box Type Metallized Polypropylene Film Capacitor

### FEATURES

- High reliability at high current stress.
- Self- healing properties.
- Flame retardant plastic case and epoxy resin.
- Low losses, high dv / dt capability.
- High moisture resistance.
- High stability of capacitance and long life.

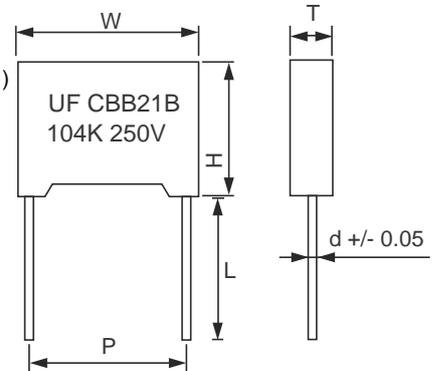


### TYPICAL APPLICATIONS

- Widely used in high frequency, DC, AC and pulse circuits.
- Widely used in high current pulse.

### SPECIFICATIONS

Operating Temperature	-40°C~ +85°C ( -40°C ~ +110°C on request, pls contact sales )
Rated Voltage	250V, 400V, 630V.DC
Capacitance Range	0.0047~3.9μF
Capacitance Tolerance	±5%, ±10%
Insulation Resistance	C≤0.33μF ; IR ≥50000MOhm C>0.33μF ; IR≥15000MOhm
Dissipation Factor	0.1%max. at 1KHz, 20°C
Dielectric Strength	160% of rated voltage for 60sec.



### DIMENSIONS

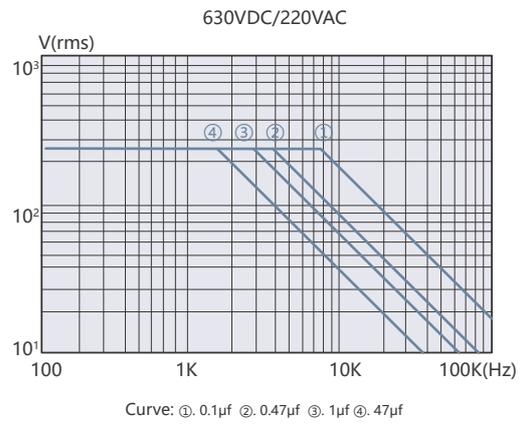
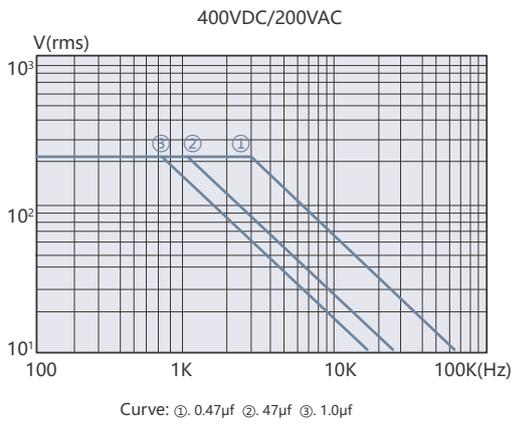
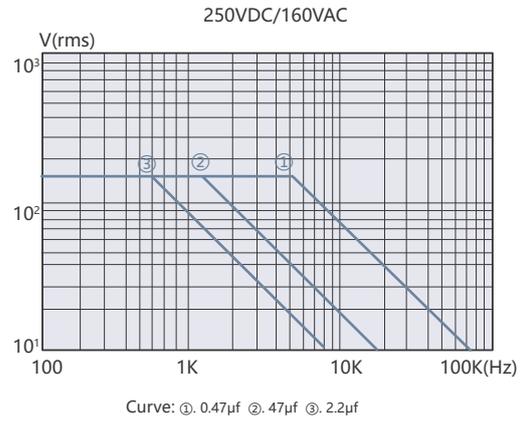
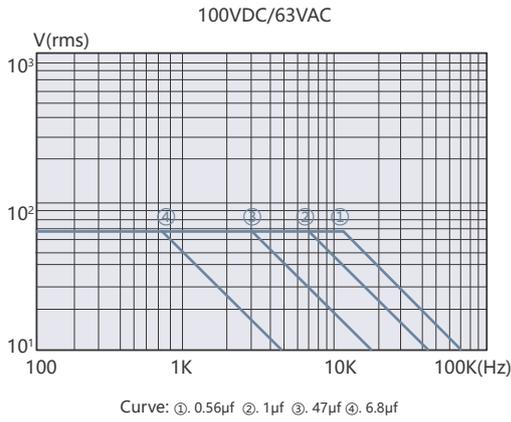
STANDARD SIZE (mm)															
μF	250VDC					400VDC					630VDC				
	W ±1.0	H ±1.0	T ±1.0	P ±1.0	d ±0.05	W ±1.0	H ±1.0	T ±1.0	P ±1.0	d ±0.05	W ±1.0	H ±1.0	T ±1.0	P ±1.0	d ±0.05
0.0047	13	9	4	10	0.6	13	9	4	10	0.6	13	9	4	10	0.6
0.0056	13	9	4	10	0.6	13	9	4	10	0.6	13	9	4	10	0.6
0.0068	13	9	4	10	0.6	13	9	4	10	0.6	13	9	4	10	0.6
0.0082	13	11	5	10	0.6	13	11	5	10	0.6	13	11	5	10	0.6
0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
0.012	--	--	--	--	--	13	9	4	10	0.6	13	11	5	10	0.6
0.015	--	--	--	--	--	13	11	5	10	0.6	13	12	6	10	0.6
0.018	--	--	--	--	--	13	11	5	10	0.6	13	12	6	10	0.6
0.022	--	--	--	--	--	13	11	5	10	0.6	--	--	--	--	--
0.027	13	11	5	10	0.6	13	11	5	10	0.6	13	12	6	10	0.6
0.033	13	11	5	10	0.6	13	11	5	10	0.6	18	11	5	15	0.6
						18	11	5	15						
0.039	13	11	5	10	0.6	13	11	5	10	0.6	--	--	--	--	--
						18	11	5	15						
0.047	13	11	5	10	0.6	13	11	5	10	0.6	18	11	5	15	0.6
						18	11	5	15						
0.056	13	11	5	10	0.6	18	11	5	15	0.6	18	11	5	15	0.6
						18	11	5	15	0.6	18	11	5	15	0.6
0.068	13	11	5	10	0.6	18	11	5	15	0.6	18	11	5	15	0.6
											26.5	15	6	22.5	0.8
0.082	13	12	6	10	0.6	18	11	5	15	0.6	18	12	6	15	0.8
											26.5	15	6	22.5	0.8

## CBB21B Box Type Metallized Polypropylene Film Capacitor

STANDARD SIZE (mm)															
μF	250VDC					400VDC					630VDC				
	W	H	T	P	d	W	H	T	P	d	W	H	T	P	d
	±1.0	±1.0	±1.0	±1.0	±0.05	±1.0	±1.0	±1.0	±1.0	±0.05	±1.0	±1.0	±1.0	±1.0	±0.05
0.1	13	12	6	10	0.6	18	11	5	15	0.6	18	12	6	15	0.8
	18	11	5	15	0.6						26.5	15	6	22.5	0.8
0.12	18	12	6	15	0.8	18	12	6	15	0.8	18	13.5	8	15	0.8
											26.5	16	7	22.5	0.8
0.15	18	12	6	15	0.8	18	12	6	15	0.8	18	13.5	7.5	15	0.8
											26.5	17	8.5	22.5	0.8
0.18	18	12	6	15	0.8	18	12	6	15	0.8	18	14.5	8.5	15	0.8
						26.5	15	6	22.5	0.8	26.5	17	8.5	22.5	0.8
						--	--	--	--	--	32	18	9	27.5	0.8
0.22	18	13.5	7.5	15	0.8	18	13.5	8	15	0.8	18	16	10	15	0.8
	26.5	15	6	22.5	0.8	26.5	15	6	22.5	0.8	26.5	19	10	22.5	0.8
	--	--	--	--	--						32	18	9	27.5	0.8
0.27	18	13.5	7.5	15	0.8	18	13.5	8	15	0.8	18	16	10	15	0.8
	26.5	15	6	22.5	0.8	26.5	15	6	22.5	0.8	26.5	22	12	22.5	0.8
	--	--	--	--	--	--	--	--	--	--	32	18	9	27.5	0.8
0.33	18	14.5	9	15	0.8	26.5	15	6	22.5	0.8	26.5	22	12	22.5	0.8
	26.5	15	6	22.5	0.8						32	20	11	27.5	0.8
0.39	18	16	10	15	0.8	26.5	17	7	22.5	0.8	26.5	22	12	22.5	0.8
	26.5	16	7	22.5	0.8	32	18	9	27.5	0.8	32	20	11	27.5	0.8
0.47	18	14.5	8.5	15	0.8	26.5	17	7	22.5	0.8	26.5	19	10	22.5	0.8
	26.5	16	7	22.5	0.8	32	18	9	27.5	0.8	31.5	21.6	13	27.5	0.8
0.56	26.5	17	8.5	22.5	0.8	26.5	17	8.5	22.5	0.8	31.5	21.6	13	27.5	0.8
						32	20	11	27.5	0.8					
0.68	26.5	19	10	22.5	0.8	26.5	19	10	22.5	0.8	31	25	14	27.5	0.8
						32	20	11	27.5	0.8					
0.82	26.5	19	10	22.5	0.8	26.5	19	10	22.5	0.8	--	--	--	--	--
	32	18	9	27.5	0.8	32	22	13	27.5	0.8	--	--	--	--	--
1.0	26.5	22	12	22.5	0.8	26.5	22	12	22.5	0.8	--	--	--	--	--
	32	20	11	27.5	0.8	32	24.5	15	27.5	0.8	--	--	--	--	--
1.2	32	20	11	27.5	0.8	32	24.5	15	27.5	0.8	--	--	--	--	--
1.5	32	22	13	27.5	0.8	32	22	13	27.5	0.8	--	--	--	--	--
1.8	32	22	13	27.5	0.8	32	33	18	27.5	0.8	--	--	--	--	--
2.2	32	22	13	27.5	0.8	--	--	--	--	--	--	--	--	--	--
2.7	32	22	13	27.5	0.8	--	--	--	--	--	--	--	--	--	--
3.3	32	24.5	15	27.5	0.8	--	--	--	--	--	--	--	--	--	--
3.9	32	25.5	16	27.5	0.8	--	--	--	--	--	--	--	--	--	--

## CBB21B Box Type Metallized Polypropylene Film Capacitor

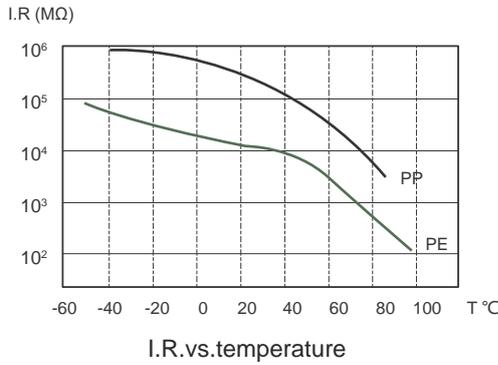
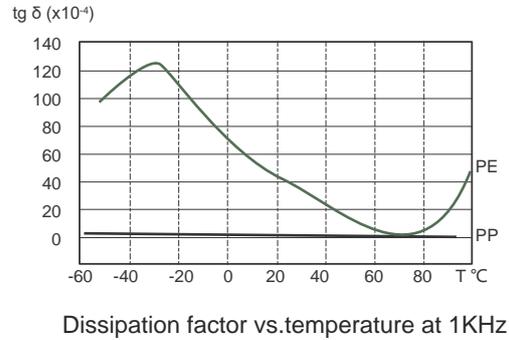
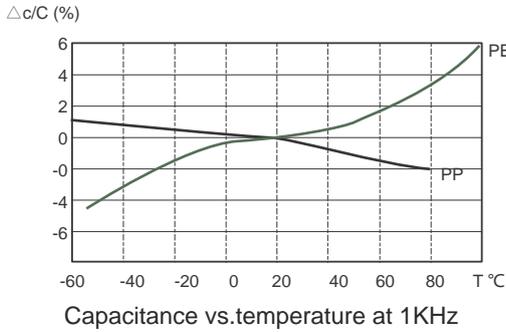
### Permissible AC Voltage vs Frequency



# CBB21B Box Type Metallized Polypropylene Film Capacitor

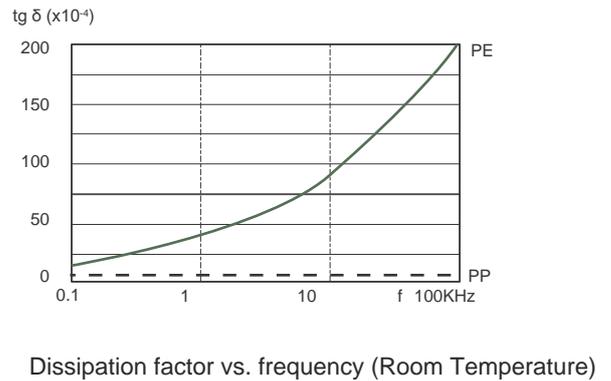
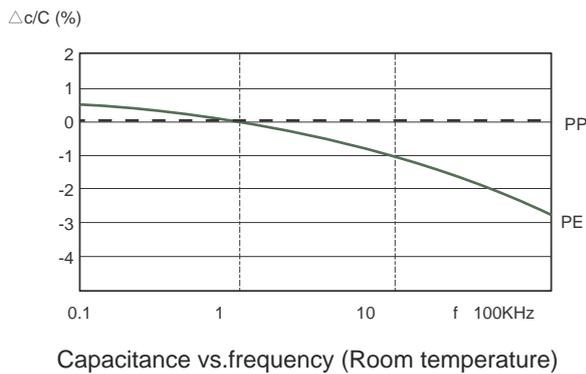
## Film Capacitor Characteristics Typical Curve

### Temperature Characteristic



**PE: Polyester Film**  
**PP: Polypropylene Film**

### Frequency Characteristics



### Soldering temperature vs time

