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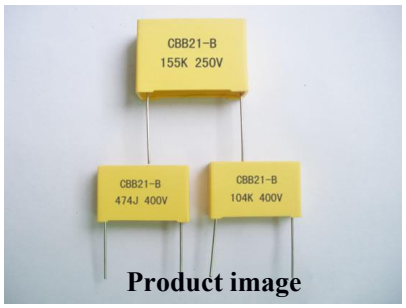
Dimension Lists （mm） Diagram

Metallized Polypropylene Film Capacitor –Box

Type：CBB21B/MPB



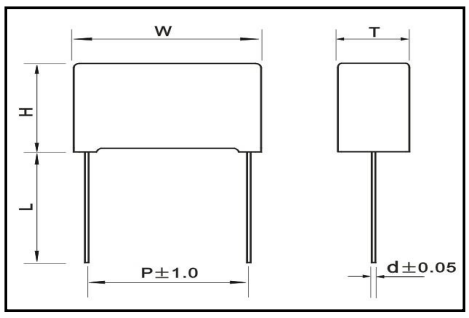
Product image

Type	Cap (μF)	Rated Voltage	Capacitance Tolerance	Dimensions (mm)					
				W±0.5	H±0.5	T±0.5	P ± 0.5	Lmin	Φd
CBB21B223J400VC2T	0.022	400Vdc	J	13	11	5	10	20	0.6
CBB21B222J1000VD1L5	0.0022	1000Vdc	J	18	11	5	15	20	0.8
note									

Metallized Polypropylene Film Capacitor –Box Type： MPB

Are non-inductively wound with metalized polypropylene film as dielectric/electrode with copper-clad steel leads and encapsulated in a plastic case sealed with epoxy resin.

◆ Outline Drawing：



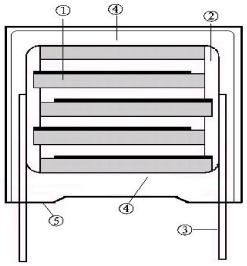
◆ Features：

- Low dissipation factor high insulation resistance.
- Low loss at high frequency/Small inherent temperature rise.
- Plastic case, Epoxy resin sealing.

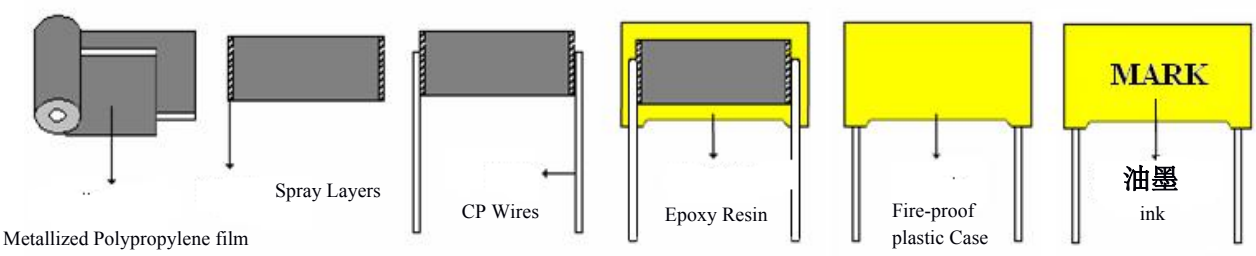
◆ Typical Applications：

- Pus applications with high A.C. voltage and high current.
- Electric lighting (i.e. Electric ballast, E-HID)
- High-frequencies A.C. loads.
- TV S correct circuit design, emergency light, switch power, timing, oscillation loop.

structure chart：



Metallized Polypropylene film
Spray Layers
CP Wires
Epoxy Resin
Fire-proof plastic Case



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Specification:

Reference Standards:	GB10190-88(China)IEC384-1 (International Electric Committee) GB384-16 (International Electric Committee)
Rated Voltage(U_R):	100VDC; 250VDC; 400VDC; 630VDC; 1000VDC
Operation Temperature Range:	-40℃ - +110℃
Capacitance Range:	MPP: 0.001 μF – 3.3 μF
Capacitance Tolerance Range:	J(± 5%); K(± 10%); M (± 20%)
Dielectric:	Polypropylene Film
(25℃ ± 5℃) Dissipation Factor Tan δ :	≤0.1% (1KHZ) (25℃ ± 5℃)
Insulation Resistance: Between Terminals:	100VDC, Min C≤0.33μF ≥50000MΩ >0.33μF ≥15000 MΩ・S
Withstand Voltage:	$2U_R$(10S)
Life. Test Conditions:	110 ± 2℃ 1.25U_R 1,000Hours Capacitance Drift: ≤ ± 3% Of the initial value Dissipation Factor ≤50% (1KHz)

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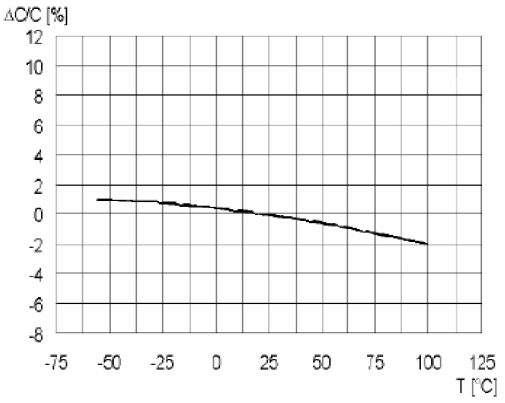
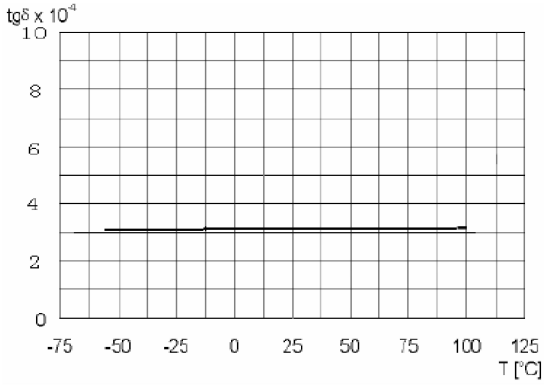
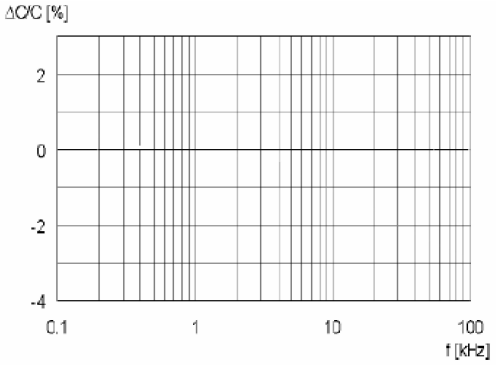
Polypropylene film capacitor characteristic curve：



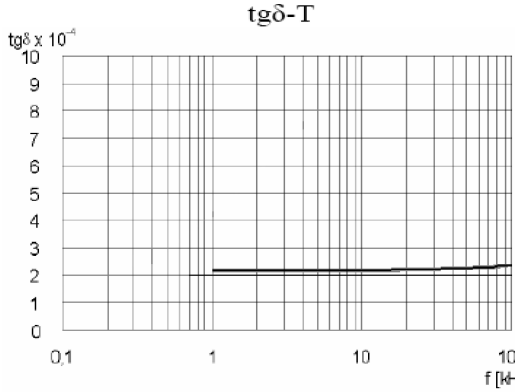
C-T



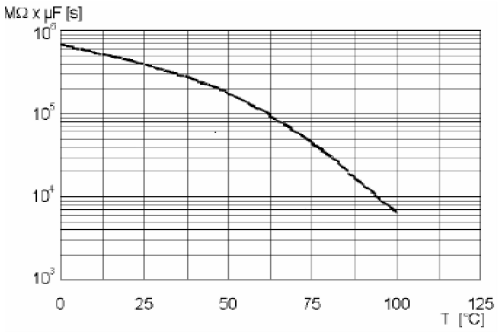
tgδ-T



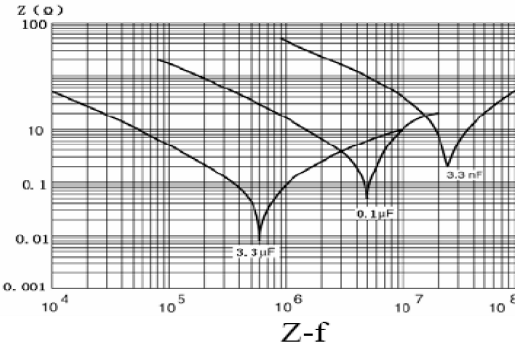
C-f



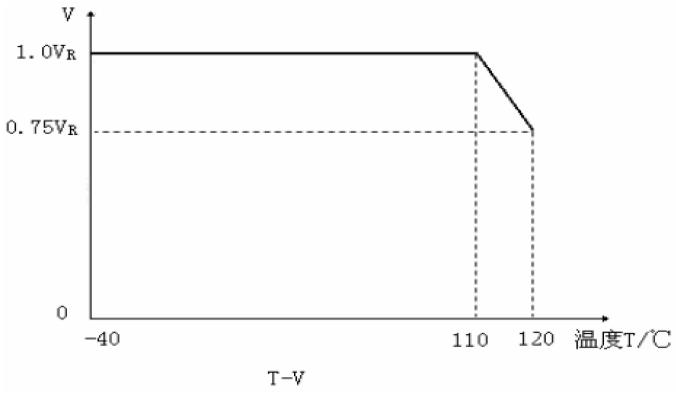
tgδ-f



R-T



Z-f



T-V