

Metallized Polypropylene Film Capacitors-Axial

Reference Standard

GB10190 (IEC384-16)

Structures

Material: Polypropylene film
 Electrode: Metallized Vacuum Evaporated Layer
 Encapsulation: Wrap up with PET tape and Encapsulated with Fire-proof Epoxide Resin
 Pin: cp Leads or PVC Electronic Tread

Using area

In Heavy Current such as Filtering and Impulse, e.g. Power Amplifiers and welder Machines etc
 Could be used in all the CBB21 compliant conditions.

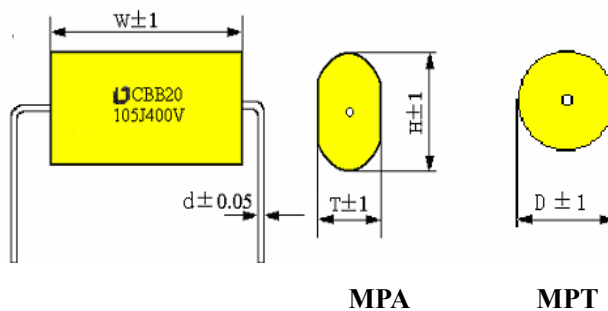
Features:

Small Size with good self-healing effect, Very low loss at high frequency could bear the high currents' impactive Have well voltage proof features under the high frequency AC current.

Specifications

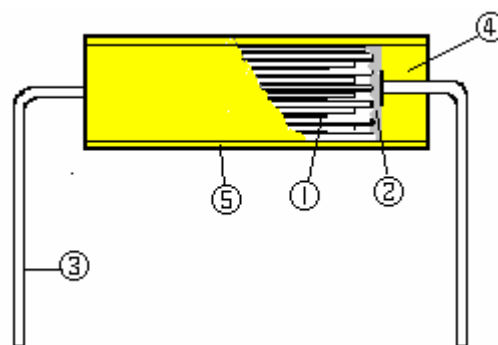
Climate Conditions	-40--+85°C/110°C					
Rated Voltage vdc	100V、250V、400V、630V					
Capacitance Range	0.010μF-33μF					
Capacitance Tolerance	±5% ±10%					
Voltage Proof	1.6UR (5S)					
Insulation Resistance and Time Consistence	≤0.33μF	≥25000MΩ				
	>0.33μF	≥7500S (MΩ.μF)				
Dissipation Factor	≤0.0010 1KHz 20°C					
Climate Category	Temperature: 40±2°C Humidity: 93%RH Lasting Time: 21Days There is no visible damage with the clearly mark. Capacitance: ΔC/C≤5% Dissipation Factor (1KHz) : Increasing≤0.002 IR Insulation Resistance: ≥50% of Rated					
Endurance Test	+85°C/110°C, 1000h Applying Voltage: 1.25*Rate Voltage Capacitance: ΔC/C≤5% Insulation Resistance: ≥ 50% of Rated					
dv/dt (v/μs)	Length	15	20	25	30/35	45-57
	dv/dt	400	200	150	100	50

Outline Drawing



W mm	15	20	25	30/35	45/50/57
d mm	0.6	0.8	0.8	0.8	1.0/1.2
PVC wire	22#	22#	20#、18#、12#		

Structures



Explanations:

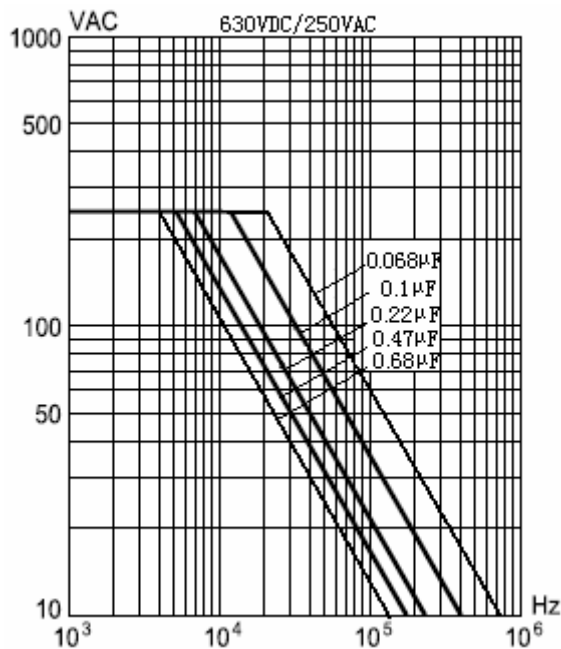
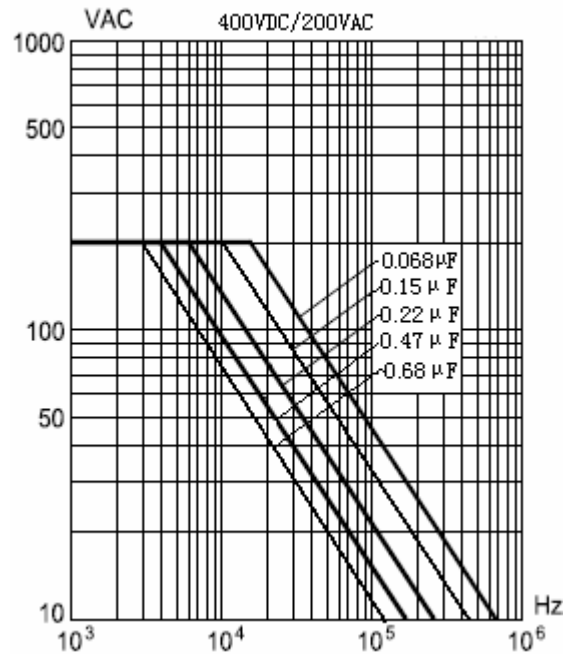
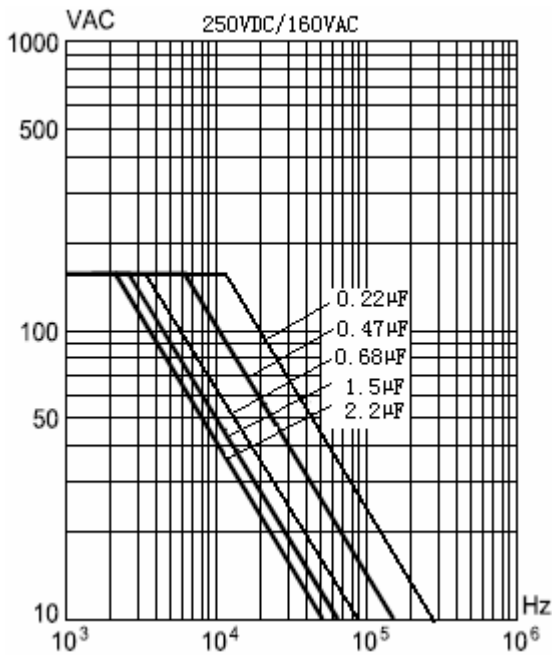
- ① Metallized Polypropylene Film
- ② Metal Spray Layer
- ③ CP Leads or PVC flexible wires
- ④ Yellow Epoxy Resin
- ⑤ Yellow PET tapes
- ⑥ ROHS Compliant

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■The exchanging of AC and DC

DC	100VDC	250VDC	400VDC	630VDC
AC	63VAC	160VAC	200VAC	250VAC

■The Relationship of AC Voltage Proof and Frequency





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CBB20 (MPT) Dimension Lists

Table with 4 columns: Cap., Part No., Dimensions (mm) W±1.0, D±1.0. Sub-section 250VDC. Rows include part numbers like MPT103J(K)2150800 up to MPT336J(K)2454200.

Table with 4 columns: Cap., Part No., Dimensions (mm) W±1.0, D±1.0. Sub-section 400VDC. Rows include part numbers like MPT103J(K)4150800 up to MPT306J(K)4584500.

Table with 4 columns: Cap., Part No., Dimensions (mm) W±1.0, D±1.0. Sub-section 630VDC. Rows include part numbers like MPT103J(K)6150800 up to MPT156J(K)6574000.