

CBB81 (PPS) Electroless lamps Capacitors

RoHS COMPLIANT



Reference Standard

GB10188 (IEC384-13)

Outline Drawing

Material: Polypropylene film
Metallized Vacuum Evaporated Layer and Aluminum Foil
Enveloped with Fire-proof Epoxide Resin
Pin: Alloy of tin and copper

Using area

Fit for high impulse and Heavy current circuits.
E.G. monitor electronic ballast

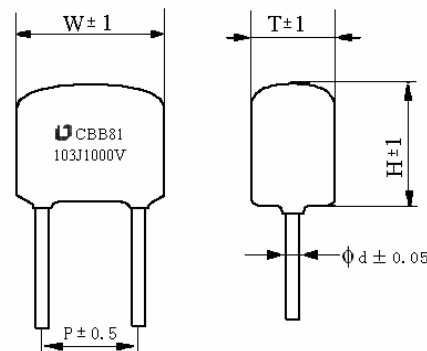
Features

With good self-healing effective and low loss in circuit
Have well voltage proof features under the high frequency AC current.

Specifications

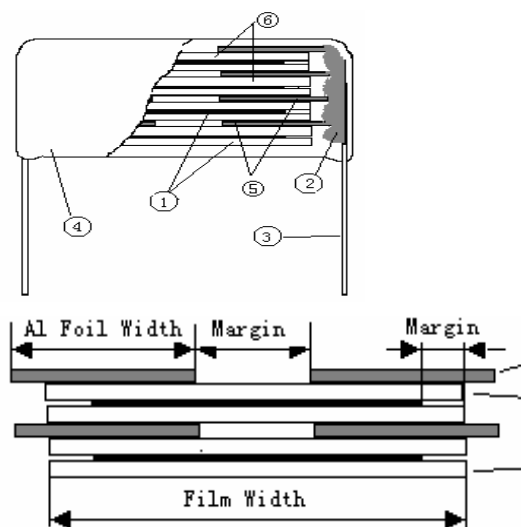
Climate Conditions	-40--110°C	
Rated Voltage dc	2000V、3000V	
Capacitance Range	0.001μF-0.47μF	
Capacitance Tolerance	(±2%) (±5%) (±10%)	
Voltage Proof	2.0U (5S)	
Insulation Resistance and Time Consistence	≤0.1μF	≥30000MΩ
	>0.1μF	≥3000S (MΩ.μF)
Dissipation Factor	≤0.0010	10KHz 20°C
Climate Category	here is no visible damage with the clearly mark. Capacitance: $\Delta C/C \leq 5\%$ of the initial testing result Dissipation Factor: Increasing of $\text{tg}\delta \leq 0.001$ Insulation Resistance IR: $\geq 50\%$ of Rated	
Endurance Test	110°C, 1000h Applying Voltage: $1.25 \times \text{Rate Voltage}$ Capacitance: $\Delta C/C \leq 5\%$ Insulation Resistance IR: $\geq 50\%$ of Rated Dissipation Factor: Increasing of $\text{tg}\delta \leq 0.001$	

Outline Drawing



Pitch mm	15
The Diameter of the Pins mm	0.8

Structures



Explanations:

- ① Metallized Polypropylene Film
- ② Metal Spray Layer
- ③ Alloy of tin and copper
- ④ Red Epoxy Resin
- ⑤ Aluminum Foil
- ⑥ Polypropylene Film
- ⑦ ROHS Compliant

CBB81 (PPS) Dimension Lists

Cap.	Part No.	Dimensions (mm)			Pitch (mm)
		W±1.0	0	H±1.0	
2000VDC					
511	PPS511J(K)D19061100	18	5.5	10.5	15
561	PPS561J(K)D19061200	18	6	11	15
681	PPS681J(K)D19071300	18	6.5	11.5	15
821	PPS821J(K)D19081300	18	7	12.2	15
102	PPS102J(K)D19091400	18	8	13.3	15
122	PPS122J(K)D19091600	18	8.5	14	15
152	PPS152J(K)D19101700	18	9	16	15
182	PPS182J(K)D190111800	18	10.5	17.2	15

Cap.	Part No.	Dimensions (mm)			Pitch (mm)
		W±1.0	T ±1.0	H±1.0	
3000VDC					
331	PPS331J(K)E19051000	18	4.5	9.5	15
391	PPS391J(K)E19061100	18	4.8	10	15
401	PPS401J(K)E19061100	18	4.8	10	15
451	PPS451J(K)E19061100	18	5.2	10.3	15
471	PPS471J(K)E19061100	18	5.5	10.5	15
511	PPS511J(K)E19061100	18	5.5	10.5	15
561	PPS561J(K)E19061200	18	6	11	15
681	PPS681J(K)E19071300	18	6.5	11.5	15
821	PPS821J(K)E19081300	18	7	12.2	15
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