

CBB81B (PPB)

RoHS COMPLIANT



Film-foil Metallized Polypropylene Film Capacitors-Box Type

Reference Standard

GB10188 (IEC384-13)

Structures

Material: Polypropylene film
Metallized Vacuum Evaporated Layer and Aluminum Foil
Enveloped with Fire-proof Epoxy Resin.

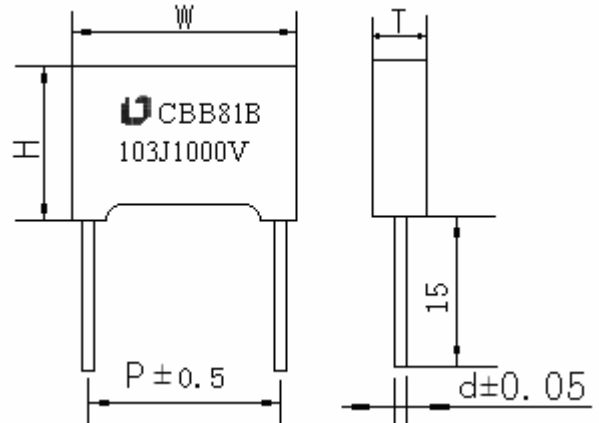
Using area

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

Features

With good self-healing effective and low loss in circuit,
Have well voltage proof features under the high frequency
AC current It is series Capacitors with high rated voltage

Outline Drawing

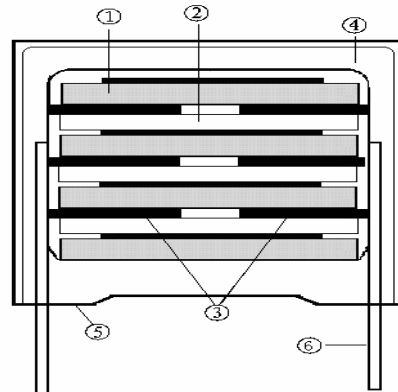


Specifications

Climate Conditions	-40--+85°C/110°C	
Rated Voltage vdc	1250V、1600V、2000V	
Capacitance Tolerance	0.00022μF-0.22μF	
Capacitance Tolerance	(±2%) (±5%) (±10%)	
Testing Voltage	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	There is no visible damage with the clearly mark. Capacitance: ΔC/C≤5% of the initial testing result Dissipation Factor: Increasing of tgδ≤0.001 Insulation Resistance IR: ≥50% of Rated	
	+85°C/110°C, 1000h Applying Voltage:1.25*Rate Voltage	

Pitch mm	10	15	22.5	27.5	31
The Diameter of the Pins mm	0.6	0.8			

Structures



Explanations:

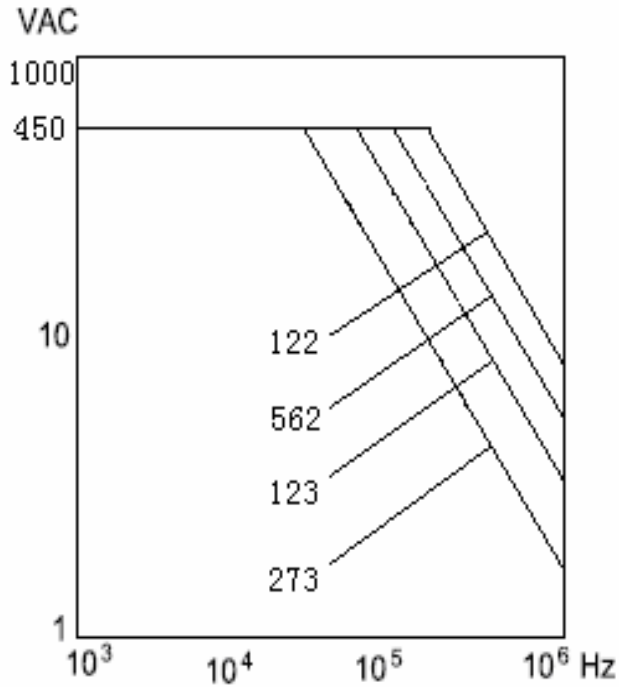
- ① Metallized Polypropylene Film
- ② Polypropylene Film
- ③ Aluminum Foil
- ④ Epoxy Resin
- ⑤ plastic Case
- ⑥ CP Leads
- ⑦ ROHS Compliant

The exchanging of AC and DC

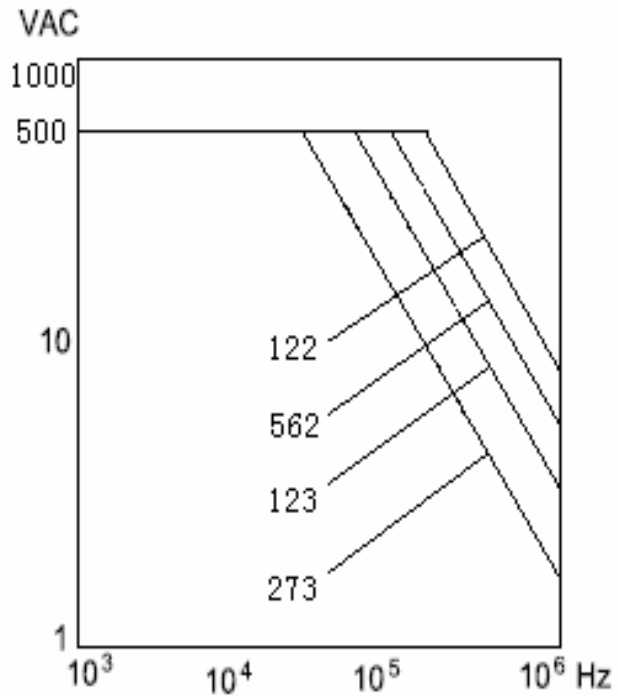
DC	1250VDC	1600VDC	2000VDC
AC	450VAC	500VAC	600VAC

■The Relationship of AC Voltage Proof and Frequency

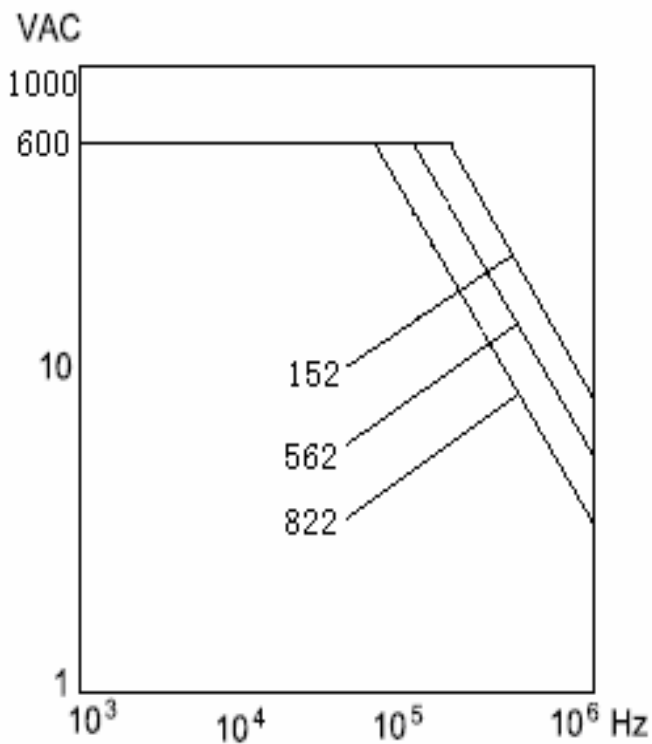
1250VDC/450VAC



1600VDC/500VAC



2000VDC/600VAC





CBB81B(PPB) Dimension Lists

Cap.	Part No.	Dimensions (mm)			Pitch (mm)	Cap.	Part No.	Dimensions (mm)			Pitch (mm)
		W±1.0	T ±1.0	H±1.0				W±0.5	T ±0.5	H±0.5	
630V						1000V					
223	PPB223K (J) 6D1G0	18	5.0	11.0	15.0	822	PPB822K (J) AD1G0	18	5.0	11.0	15.0
273	PPB273K (J) 6D1G0	18	5.0	11.0	15.0	103	PPB103K (J) AD1G0	18	5.0	11.0	15.0
333	PPB333K (J) 6D2G0	18	6.0	12.0	15.0	123	PPB123K (J) AD1G0	18	5.0	11.0	15.0
393	PPB393K (J) 6D2G0	18	6.0	12.0	15.0	153	PPB153K (J) AD2G0	18	6.0	12.0	15.0
473	PPB473K (J) 6D3G0	18	7.5	13.5	15.0	183	PPB183K (J) AD3G0	18	7.5	13.5	15.0
563	PPB563K (J) 6D3G0	18	7.5	13.5	15.0	223	PPB223K (J) AD3G0	18	7.5	13.5	15.0
683	PPB683K (J) 6D4G0	18	8.4	14.5	15.0	273	PPB273K (J) AD4G0	18	8.4	14.5	15.0
823	PPB823K (J) 6D4G0	18	8.4	14.5	15.0	333	PPB333K (J) AD4G0	18	8.4	14.5	15.0
104	PPB104K (J) 6DAG0	18	10.0	15.8	15.0	393	PPB393K (J) AE1G0	26.5	6.0	15.0	22.5
124	PPB124K (J) 6E2G0	26.5	7.0	16.0	22.5	473	PPB473K (J) AE2G0	26.5	7.0	16.0	22.5
154	PPB154K (J) 6E3G0	26.5	8.5	17.0	22.5	563	PPB563K (J) AE2G0	26.5	7.0	16.0	22.5
184	PPB184K (J) 6E3G0	26.5	8.5	17.0	22.5	683	PPB683K (J) AE3G0	26.5	8.5	17.0	22.5
224	PPB224K (J) 6E4G0	26.5	10.0	19.0	22.5	823	PPB823K (J) AE4G0	26.5	10.0	19.0	22.5
274	PPB274K (J) 6E6G0	26.5	12.0	22.0	22.5	104	PPB104K (J) AE4G0	26.5	10.0	19.0	22.5
334	PPB334K (J) 6E6G0	26.5	12.0	22.0	22.5	124	PPB124K (J) AE6G0	26.5	12.0	22.0	22.5
394	PPB394K (J) 6E6G0	26.5	12.0	22.0	22.5	154	PPB154K (J) AE6G0	26.5	12.0	22.0	22.5
1600V						184	PPB184K (J) AF2G0	31.5	13.0	22.0	27.5
102	PPB102K (J) CD1G0	18	5.0	11.0	15.0	224	PPB224K (J) AF2G0	31.5	13.0	22.0	27.5
122	PPB122K (J) CD1G0	18	5.0	11.0	15.0	2000V					
152	PPB152K (J) CD1G0	18	5.0	11.0	15.0	221	PPB221K (J) DD1G0	18	5.0	11.0	15.0
182	PPB182K (J) CD1G0	18	5.0	11.0	15.0	271	PPB271K (J) DD1G0	18	5.0	11.0	15.0
222	PPB222K (J) CD1G0	18	5.0	11.0	15.0	331	PPB331K (J) DD1G0	18	5.0	11.0	15.0
272	PPB272K (J) CD1G0	18	5.0	11.0	15.0	391	PPB391K (J) DD1G0	18	5.0	11.0	15.0
332	PPB332K (J) CD1G0	18	5.0	11.0	15.0	471	PPB471K (J) DD2G0	18	6.0	12.0	15.0
392	PPB392K (J) CD1G0	18	5.0	11.0	15.0	561	PPB561K (J) DD2G0	18	6.0	12.0	15.0
472	PPB472K (J) CD1G0	18	5.0	11.0	15.0	681	PPB681K (J) DD2G0	18	6.0	12.0	15.0
562	PPB562K (J) CD1G0	18	5.0	11.0	15.0	821	PPB821K (J) DD2G0	18	6.0	12.0	15.0
682	PPB682K (J) CD2G0	18	6.0	12.0	15.0	102	PPB102K (J) DD2G0	18	6.0	12.0	15.0
822	PPB822K (J) CD2G0	18	6.0	12.0	15.0	122	PPB122K (J) DD2G0	18	6.0	12.0	15.0
103	PPB103K (J) CD2G0	18	6.0	12.0	15.0	152	PPB152K (J) DD2G0	18	6.0	12.0	15.0
123	PPB123K (J) CD3G0	18	7.5	13.5	15.0	182	PPB182K (J) DD2G0	18	6.0	12.0	15.0
153	PPB153K (J) CD3G0	18	7.5	13.5	15.0	222	PPB222K (J) DD3G0	18	6.0	12.0	15.0
183	PPB183K (J) CD4G0	18	8.4	14.5	15.0	272	PPB272K (J) DD3G0	18	6.0	12.0	15.0
223	PPB223K (J) CD4G0	18	8.4	14.5	15.0	332	PPB332K (J) DD1G0	18	6.0	12.0	15.0
273	PPB273K (J) CDAG0	18	10.0	15.8	15.0	392	PPB392K (J) DD1G0	18	7.5	13.5	15.0
333	PPB333K (J) CE2G0	26.5	7.0	16.0	22.5	472	PPB472K (J) DD1G0	18	7.5	13.5	15.0
393	PPB393K (J) CE3G0	26.5	8.5	17.0	22.5	562	PPB562K (J) DD1G0	18	8.4	14.5	15.0
473	PPB473K (J) CE4G0	26.5	10.0	19.0	22.5	682	PPB682K (J) DD1G0	18	10.0	15.8	15.0
563	PPB563K (J) CE4G0	26.5	10.0	19.0	22.5	822	PPB822K (J) DD1G0	18	10.0	15.8	15.0
683	PPB683K (J) CE6G0	26.5	12.0	22.0	22.5	103	PPB103K (J) DE2G0	26.5	7.0	16.0	22.5
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						223	PPB223K (J) DE4G0	26.5	10.0	19.0	22.5
						273	PPB273K (J) DE5G0	26.5	11.0	20.0	22.5
						333	PPB333K (J) DE6G0	26.5	12.0	22.0	22.5
						393	PPB393K (J) DF1G0	31.5	10.8	19.5	22.5
						473	PPB473K (J) DF2G0	31.5	13.0	22.0	22.5
						563	PPB563K (J) DE6G0	26.5	12.0	22.0	22.5