

**Reference Standard**

GB10188

**Structures**

Material: Polypropylene film

Electrode: Metallized Vacuum Evaporated Layer with Aluminum foil

Encapsulation: Wrap up with PET tape and

Encapsulated with Fire-proof Epoxy Resin

Pin: CP leads or PVC Flexible Treads

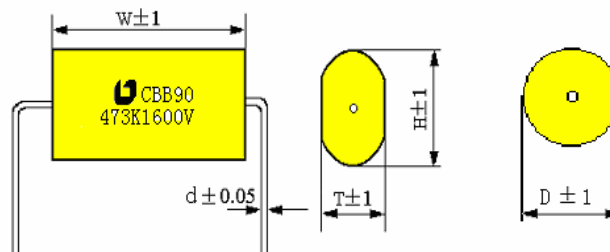
**Using area**

In Heavy Current such as Filtering and Impulse. e.g. Power Amplifiers and welder Machines etc

**Features**

With good self-healing abilities. Very low loss at high frequency could bear the high currents' impactive. Have well voltage proof features under the high frequency AC current.

**Outline Drawing**

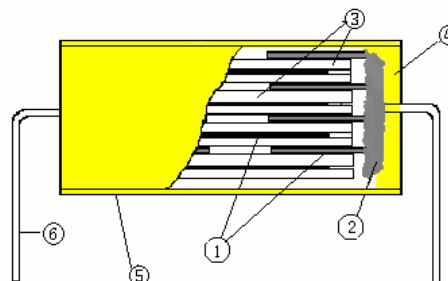


Length mm	15	20	25	30	40	≥45
The diameter of the Pins mm	0.6	0.8	0.8	0.8	1.0	1.2
PVC Flexible Wires	22#		20#、18#、12#			

**Specifications**

Climate Conditions	-40--+85°C/110°C		
Rated Voltage vdc	1200V、1600V、2000V		
Capacitance Range	0.001μF-1.0μF		
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 Initial Testing Data Dissipation Factor :Increasing of tgδ≤0.001 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 tgδ 的增加≤0.001 Dissipation Factor :Increasing of tgδ≤0.001		

**Structures**



**Explanation**

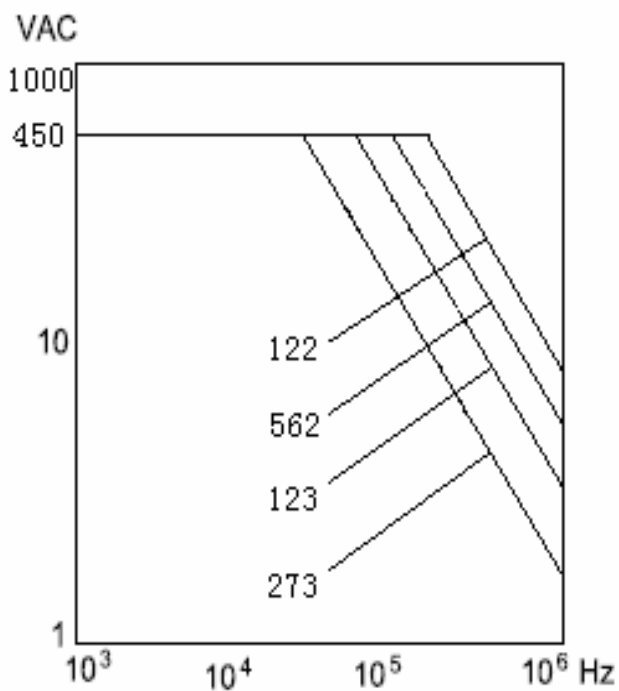
- ① Metallized Polypropylene Film and Aluminum foil
- ② Metal Spring Layer
- ③ Polypropylene Film
- ④ Yellow PET tape
- ⑤ CP leads Or Flexible Thread
- ⑥ ROHS Compliant

**The exchanging of VAC and VDC**

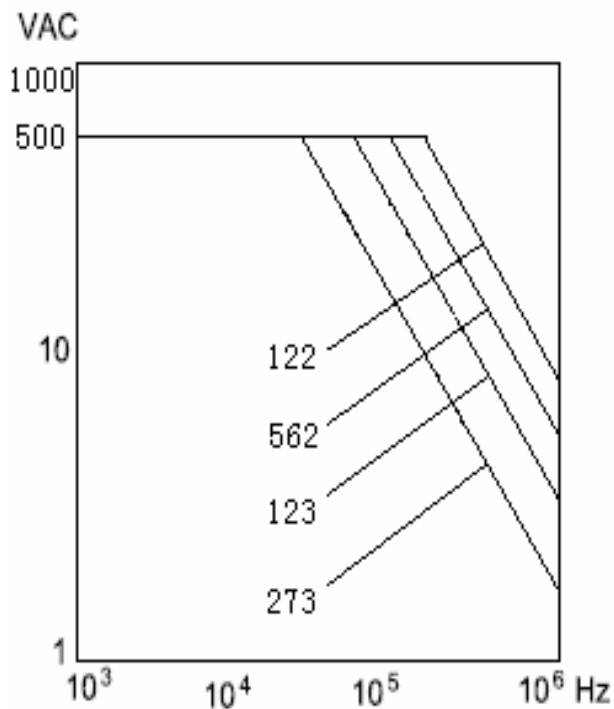
DC	1200VDC	1600VDC	2000VDC
AC	450VAC	500VAC	600VAC

■ The Relationship of AC Voltage Proof and Frequency

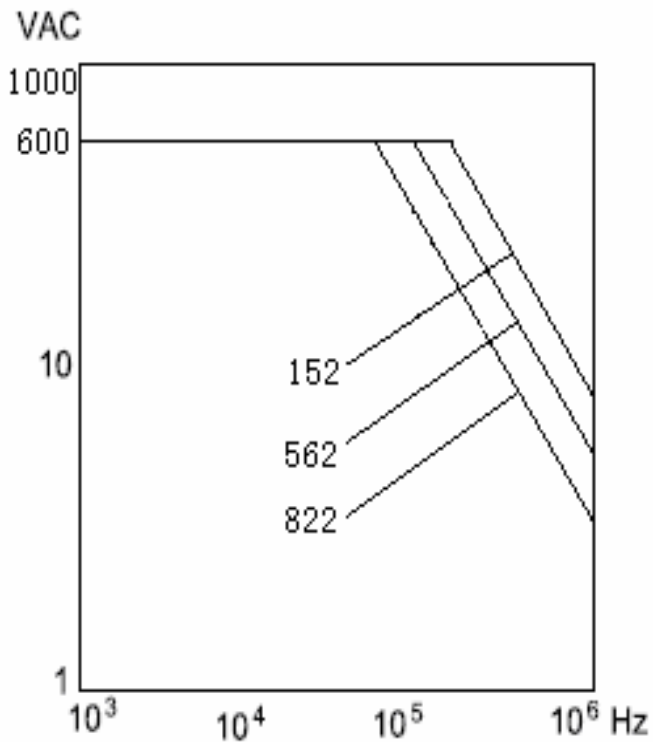
1200VDC/450VAC



1600VDC/500VAC



2000VDC/600VAC





CBB90 (PPA) Dimension Lists

CBB90 (PPT) Dimension Lists

Cap.	Part No.	Dimensions (mm)			Cap.	Part No.	Dimensions (mm)	
		W±1.0	T ±1.0	H±1.0			W±1.0	D ±1.0
<b>1000VDC</b>				<b>1200V</b>				
822	PPA822KB20040900	20	4.5	9.0	822	PPT822KB200700	20	7.0
103	PPA103KB20051000	20	5.0	9.5	103	PPT103KB200800	20	7.5
123	PPA123KB20051000	20	5.3	10.2	123	PPT123KB200800	20	8.3
153	PPA153KB20061100	20	6.2	11.0	153	PPT153KB200900	20	9.0
183	PPA183KB20071200	20	7.0	12.0	183	PPT183KB201000	20	9.8
223	PPA223KB20081300	20	8.0	13.0	223	PPT223KB201100	20	10.5
273	PPA273KB20091400	20	8.8	13.8	273	PPT273KB201200	20	11.8
333	PPA333KB25071200	25	7.0	11.8	333	PPT333KB251000	25	10.0
393	PPA393KB25081300	25	8.0	12.7	393	PPT393KB251100	25	10.8
473	PPA473KB25091400	25	9.0	13.5	473	PPT473KB251200	25	11.6
563	PPA563KB25101500	25	9.8	14.5	563	PPT563KB251300	25	12.7
683	PPA683KB25111600	25	11.0	15.8	683	PPT683KB251400	25	14.0
823	PPA823KB30081500	30	8.4	14.6	823	PPT823KB301200	30	12.3
104	PPA104KB30091600	30	9.3	15.8	104	PPT104KB301300	30	13.0
124	PPA124KB30111700	30	10.6	17.0	124	PPT124KB301500	30	14.5
154	PPA154KB35101600	35	10.0	16.3	154	PPT154KB351400	35	13.8
184	PPA184KB35101800	35	10.5	18.0	184	PPT184KB351500	35	15.2
224	PPA224KB35122000	35	11.8	19.8	224	PPT224KB351700	35	16.8
274	PPA274KB35132100	35	13.4	21.3	274	PPT274KB351800	35	18.3
334	PPA334KB35152300	35	15.3	23.1	334	PPT334KB352000	35	20.0
474	PPA474KB35152300	35	15.0	23.0	474	PPT474KB351900	35	18.8
564	PPA564KB35162400	35	15.7	23.8	564	PPT564KB352100	35	21.0
684	PPA684KB35182600	35	18.0	26.0	684	PPT684KB352300	35	23.0
824	PPA824KB35212900	35	21.0	29.0	824	PPT824KB352600	35	26.0
105	PPA105KB35233100	35	23.0	31.0	105	PPT105KB352800	35	28.0
<b>1600V</b>				<b>1600V</b>				
222	PPA222KC20061100	5.5	10.5	38.0	222	PPT222KC200900	20	8.5
272	PPA272KC20071100	6.5	11.2	38.0	272	PPT272KC201000	20	9.5
332	PPA332KC20071200	7.3	11.8	38.0	332	PPT332KC201000	20	10.1
392	PPA392KC20081300	8.0	12.7	38.0	392	PPT392KC201100	20	11.0
472	PPA472KC20091400	9.0	13.8	38.0	472	PPT472KC201200	20	12.0
562	PPA562KC25061100	6.0	10.6	38.0	562	PPT562KC250900	25	8.5
682	PPA682KC25071100	6.5	11.3	38.0	682	PPT682KC251000	25	9.5
822	PPA822KC25071200	7.4	12.0	38.0	822	PPT822KC251000	25	10.3
103	PPA103KC30071300	6.6	13.0	38.0	103	PPT103KC301100	30	10.6
123	PPA123KC30081400	7.5	14.0	38.0	123	PPT123KC301200	30	11.5
153	PPA153KC30091500	8.6	15.0	38.0	153	PPT153KC301300	30	12.5
183	PPA183KC30101600	9.7	16.0	38.0	183	PPT183KC301400	30	13.5
223	PPA223KC30111800	10.5	18.2	38.0	223	PPT223KC301500	30	15.3
273	PPA273KC30122000	11.9	19.6	38.0	273	PPT273KC301700	30	16.5
333	PPA333KC35091700	9.0	16.8	38.0	333	PPT333KC351400	35	13.8
393	PPA393KC35101800	10.0	18.0	38.0	393	PPT393KC351500	35	15.0
473	PPA473KC35111900	11.2	19.2	38.0	473	PPT473KC351600	35	16.0
563	PPA563KC35132100	12.6	20.5	38.0	563	PPT563KC351800	35	17.5
683	PPA683KC35142200	14.2	22.1	38.0	683	PPT563KC351900	35	19.0
<b>2000V</b>				<b>2000V</b>				
102	PPA102KD20051000	20	5.3	9.9	471	PPT471KD200600	20	6.3
122	PPA122KD20061100	20	5.9	10.6	561	PPT561KD200700	20	6.6
152	PPA152KD20071200	20	6.8	11.5	681	PPT681KD200700	20	6.9
182	PPA182KD20081200	20	7.6	12.4	821	PPT821KD200800	20	7.5
222	PPA222KD20091300	20	8.5	13.3	102	PPT102KD200800	20	8.2
272	PPA272KD20091500	20	9.0	15.2	122	PPT122KD200900	20	8.9

## CBB90 (PPA) Dimension Lists

## CBB90 (PPT) Dimension Lists

Cap.	Part No.	Dimensions (mm)			Cap.	Part No.	Dimensions (mm)	
		W±1.0	T ±1.0	H±1.0			W±1.0	D ±1.0
332	PPA332KD25071300	25	7.0	13.3	152	PPT152KD201000	20	9.6
392	PPA392KD25081400	25	7.9	14.1	182	PPT182KD201100	20	10.5
472	PPA472KD25091500	25	8.8	15.1	222	PPT222KD201200	20	11.5
562	PPA562KD25101600	25	9.9	16.2	272	PPT272KD201300	20	12.6
682	PPA682KD30081500	30	8.0	14.5	332	PPT332KD251100	25	11.0
822	PPA822KD30081600	30	8.4	16.3	392	PPT392KD251200	25	11.6
103	PPA103KD30101700	30	9.5	17.4	472	PPT472KD251300	25	12.6
123	PPA123KD30111900	30	10.8	18.7	562	PPT562KD251400	25	13.5
153	PPA153KD30122000	30	12.4	20.3	682	PPT682KD301200	30	12.0
					822	PPT822KD301300	30	13.2
					103	PPT103KD301500	30	14.5
					123	PPT562KD301600	30	15.5
					153	PPT562KD301700	30	17.2