金属化聚丙烯电容器（耐高温高湿）

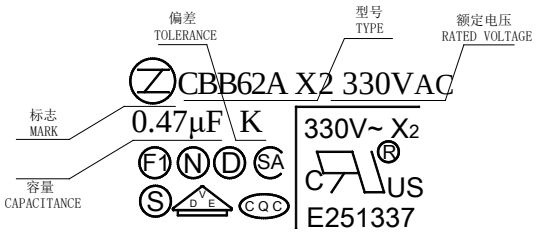
METALLIZED POLYPROPYLENE CAPACITORS

(HIGH TEMPERATURE AND HUMIDITY RESISTANCE)

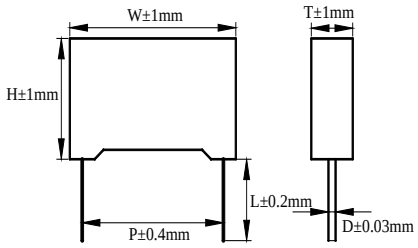
类型 TYPE:

CBB62A X2

标识说明 PRINT DESCRIPTION



外形图 OUTLINE DRAWING



产品特点 DESCRIPTION：

在严苛环境下（高温高湿）长期应用容量稳定性优异

High stability of capacitance under severe ambient condition,such as high temperature and high humidity

损耗小，对高频和温度变化比较稳定

Dissipation factor is normaly low and is stable against high frequency and change of temperature.

适用于高频电路

Recommended for high-frequenly circuit.

自愈性强，塑料外壳，安全可靠

This type is self-healing flat style capacitor,winded with metalized polypropylene Film as dielectric,Plastic coating ,high reliability and safety.

广泛用于电源串联连接和阻容降压场合

例如：电表，LED 供电模块等

For connection in series with the mains and capactive divider power supply,such as energy meter,LED diver etc.

技术特性 ELECTRICAL CHARACTERISTICE：

电容量范围 Capactitance Range	0.001-2.5uF			
工作温度范围 Operating Temperature	-40℃ to 100℃			
电容量偏差 Capacitance tolerance	J(±5%) K(±10%) M(±20%)			
额定电压 Rated voltage	330VAC			
损耗角正切 Dissipation Factor	0.1% at 10KHz and 25℃			
绝缘电阻 Insulation resistance	C≤0.33μF		≥32000MΩ	
	C > 0.33μF		≥15000MΩ	
焊接耐热 Welding standard	Temperature	260±5℃	Leadthe,appearance of abnormal.Theleaching of leadfrom the root.1mm Followng,Lead tin area should be＞90％	
	Time	5±0.5S		

尺寸（单位 mm） DIMENSIONS(UNIT:mm)

Capacitance(uF)	VAC	W	H	T	P	dΦ
0.01	330	13	12	6	10	0.6
0.022	330	13	12	6	10	0.6
0.033	330	13	12	6	10	0.6
0.047	330	13	12	6	10	0.6
0.056	330	13	12	6	10	0.6
0.068	330	13	12	6	10	0.6
0.1	330	18	12	6	15	0.8
0.15	330	18	13	7	15	0.8
0.22	330	18	14.5	8.5	15	0.8
0.33	330	18	14.5	8.5	15	0.8
0.33	330	26.5	17	8.5	22.5	0.8
0.39	330	26.5	19	10	22.5	0.8
0.47	330	26.5	19	10	22.5	0.8
0.50	330	26.5	19	10	22.5	0.8
0.56	330	26	22	12	22.5	0.8
0.68	330	26	22	12	22.5	0.8
0.82	330	26	22	12	22.5	0.8
1.0	330	32	22.5	13	27.5	0.8
1.5	330	32	30	15	27.5	0.8
2.2	330	32	30	15	27.5	0.8
2.5	330	32	30	15	27.5	0.8

TEST

No.	Pilot projects		Nominal value	Test conditions
1	Short-circuiting	Visual examination	No visible damage	2000VDC,Positive and negative short-circuit discharge 5 times
		Capacitance	≤±3%	
		△Tanδ	△Tanδ:≤1% (10KHz)	
2	High temperature aging	Visual examination	No visible damage	Temperature：+85±2℃ Voltage：1.25Vrm Time：1000+24h recovery shall be for 1 h to 2 h under standard atmospheric conditions for testing
		Capacitance	≤±5%	
		△Tanδ	△Tanδ:≤1% (10KHz)	
3	Moisture test	Visual examination	No visible damage	Temperature：+40±2℃ Humidity：90%-95%RH Time：21day recovery shall be for 1 h to 2 h under standard atmospheric conditions for testing
		Capacitance	≤±10%	
		△Tanδ	△Tanδ:≤1% (10KHz)	
4	High temperature and high humidity	Visual examination	No visible damage	Temperature：85±2℃ Humidity：85% ±2%RH Voltage：240VAC Time：1000+24h recovery shall be for 1 h to 2 h under standard atmospheric conditions for testing
		Capacitance	≤±10%	
5	Welding heat resistance	Visual examination	No visible damage	1) Welding process Preheating temperature：100~120℃ Preheating time：100s(max) Welding temperature：+260±5℃ Tin leaching time：≤10s Tin leaching depth：1.5±0.5mm from the bottom of the product 2) Electric iron Welding temperature：+400℃ Welding time：≤3s recovery shall be for 1 h to 2 h under standard atmospheric conditions for testing
		Capacitance	≤±3%	
		△Tanδ	Tanδ:0.3% max(10KHz)	
		Connection	Stable	
6	Expected service life		100000h	Under rated voltage and temperature conditions