

东莞市科雅电子科技有限公司

規格承認書

SPECIFICATIONS FOR APPROVAL

客戶名稱:

CUSTOMER

立创商城

產品名稱:

ITEM

CBB82 粉末包封双面金属化聚丙烯膜电容器

產品料号:

CUSTOMER'S PART NO.

KP224J3F2701

產品規格

CUSTOMER'S P/N:

CBB82 224J2000V P27.5 29.5*24*14 KYET MMKP82 粉包

日期

ISSUED DATE

2025 年 6 月 14 日

承认印 (APPROVAL STAMP)

供应商 (VENDER)

客户 (CUSTOMER)



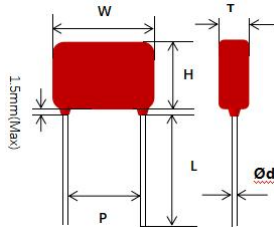
- ◆ 如果您有特殊要求请联系我们，我们将提供符合您要求的产品。
- ◆ If your requirement is special please contact us, we will test products as per your requirement.

版次	日期	变更内容
V1.0	2025.3.11	新产品承认

粉末包封双面金属化聚丙烯膜电容器 CBB82

Powder coated double-sided metallized polypropylene film

■ 外形图 Outline Drawing



激光印字

KYET CBB82

224J2000V

■ 特点：

- 双面金属化聚丙烯引出
- 损耗小，内部温升小
- 负点容量温度系数
- 优异的阻燃系数

■ 主要用途

- 广泛应用与高压,高频脉冲电路中
- 电子镇流器和节能灯中
- 吸收和 SCR 整流电路

■ Features

- Double sided metallized polypropylene structure
- Low loss and small inherent temperature rise
- Negative temperature coefficient of capacitance
- Excellent active and passive flame resistant circuit

■ Typical Applications

- Widely used in high voltage, high frequency and pulse circuit
- Lamp capacitor for electronic ballast compact lamps
- SNUBBER and SCR commutation circuits

■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 10190(IEC 60384-16)		
气候类别 Climatic Category	40/105/56		
额定温度 Rated Temperature Range	85℃ for V _R (DC); 75℃ for V _R (AC)		
工作温度范围 Operating Temperature Range	-40℃~105℃ (+85℃ to +105℃: decreasing factor 1.25% per °C for V _R (DC)) (+75℃ to +105℃: decreasing factor 1.25% per °C for V _R (AC))		
额定电压 Rated Voltage	250V , 400 , 630V, 1000V , 1600V , 2000V		
电容量范围 Capacitance Range	0.00047uF~0.47uF		
电容量偏差 Capacitance Tolerance	±2%(G), ±3%(H), ±5%(J), ±10%(K), ±20%(M)		
耐电压 Voltage Proof	1.60U _R (5S)		
损耗角正切 Voltage Proof	≅0.0010 (1KHz , 20℃)		
绝缘电阻 Insulation Resistance	≅10 000MΩ ≅5000S	CR≅0.33uF CR>0.33uF	(20℃ , 100V , 1min)

粉末包封双面金属化聚丙烯膜电容器 CBB82

Powder coated double-sided metallized polypropylene film

■ 电容器结构

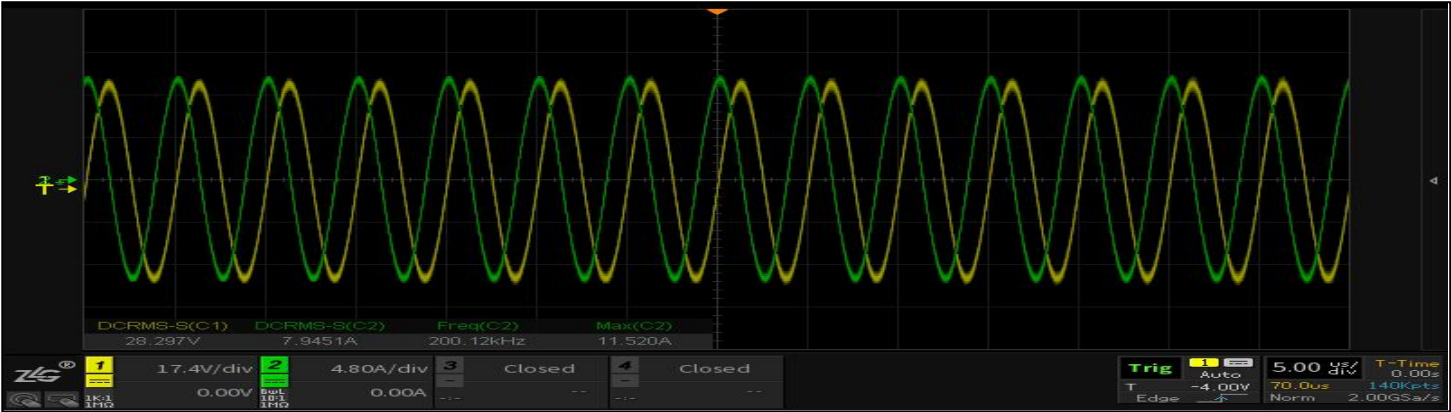
- 采用聚丙烯薄膜作为介质，以自愈特性优良的耐高温双面金属化聚酯薄膜作电极，双端喷金形成无感结构，单向引出，阻燃环氧粉末包封。

■ Capacitor Structure

- With polypropylene film dielectric,pole with double sided metallized polyester film,twain section spray-metal form Non-inductive configuration,Electrode lead unilateralism fetch out and fame retardant epoxy resin dip sealed.

物品名称	物品规格	尺寸 W*H*T(±1mm)	ΦD±0.05mm	正面激光印字	L(±2mm)	P±0.5mm	Irms(MAX)A
CBB82	224J2000V	29.5*24*14	0.8 铜线	KYET CBB82 224J2000V	20	27.5	7.95

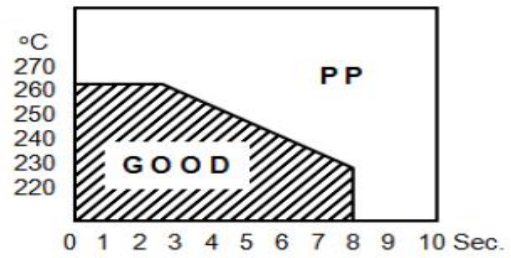
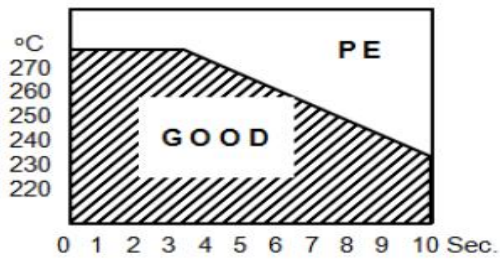
备注：以上产品采用双面金属化薄膜结构，外表颜色为红色。



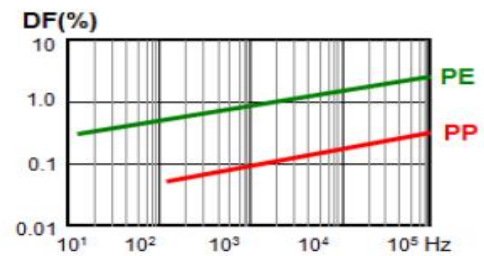
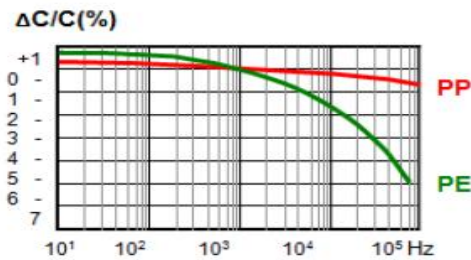
	UR(V)	dV/dt(V/us)				
		P=7.5	P=10	P=15	P=22.5	P=27.5
最大脉冲爬升速率 Maximum Pulse Rise Time(dV/dt): 若实际工作电压 U 比额定电压 UR 低，电容器可工作在更高的 dV/dt 场合，这样 dv/dt 允许值应为右表值乘以 UR/U。 If the working voltage(U) is lower than the rated voltage(UR), the capacitor can be worked at a higher dV/dt. In this case, the maximum allowed dV/dt is obtain by multiplying the right value with UR/U.	250	1000	800	500	200	200
	400	1600	1200	800	400	300
	630	3000	3000	2200	1200	800
	1000	5800	5800	3000	1800	900
	1600	--	--	5800	2800	1800
	2000	--	--	8000	4800	2000

焊锡温度、频率、温度特性曲线图

Soldering Temperature VS Time



Frequency Characteristics



Temperature Characteristics

