



产品承认书

文控编号 SG03-30

No.CRS2504031

Product Specifications

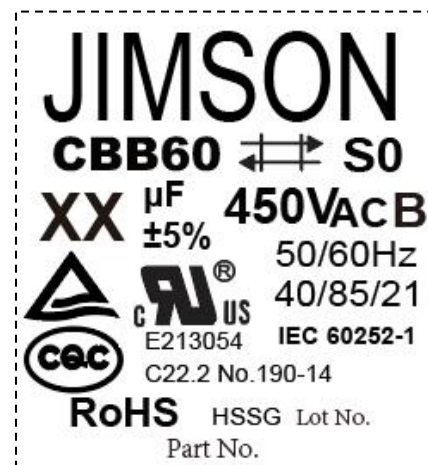
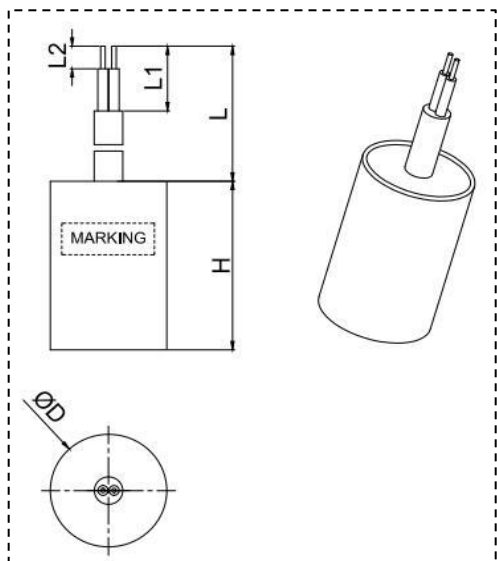
版本号 / Version : B0


客户名称: Customer:					客户确认 / Customer Confirm:	
产品品号 Part No.	产品类型 Model No.	额定电压及频率 Voltage & Frequency	额定容量 Capacitance	备注 Notes	 <p>激光打印 Laser Printing:</p> <div style="border: 1px dashed black; padding: 5px; text-align: center;">MARKING</div> <div style="border: 1px dashed black; padding: 5px; text-align: center;">  <p>JIMSON CBB60 \pm S0 XX μF 450V_{AC}B \pm5% 50/60Hz 40/85/21 E213054 IEC 60252-1 C22.2 No.190-14 RoHS HSSG Lot No. Part No.</p> </div>	
见附页	CBB60	450V _{AC} ; 50/60Hz	见附页			
外形尺寸 (mm) Dimension	包装数量 Quantity /Ctn	毛重 Gross Weight	包装尺寸 (mm) Carton Size			
见附页	pcs	Kg	490 * 250 * 215			
推行标准 Standard Employ	GB / T3667.1-2016 ; IEC60252-1 ; UL810					
寿命等级 Life Expectancy	Class B	安全等级 Class of Protection	S0			
耐电压 Voltage Endurance Test	T - T 极间	2Un / 2 seconds				
	T - C 极壳	2.5 KV _{AC} / 2 seconds				
电容偏差 Capacitance Tolerance	\pm 5%					
损耗角正切 Dissipation Factor(tan δ)	\leq 0.0035 (1K Hz)					
气候类别 Climatic Category	-40°C ~ +85°C / 21 天湿热试验					
电容器介质 Dielectric	金属化聚丙烯薄膜 / 自愈性 Metalized Polypropylene Film / Self-Healing					
外壳 Housing	UL94 V0 级阻燃 ABS 灰色外壳 ABS Grey Housing (UL94 V0)			拟制 / Draft:	CBB60 型金属化聚丙烯薄膜电容器 AC Motor Run Capacitor CBB60 Metalized Film Capacitor	
引出 Terminals	UL2733 18AWG 双芯线*150mm*50mm 开线*10mm 剥头			尹航 2025.04.09 技术员		
灌封 Filling	UL94 V0 级阻燃环氧树脂 Epoxy Resin (UL94 V0)			核准 / Authorized:		

附页

单位: mm

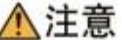
序	品号	型号	额定电压	额定电容	直径 D	高度 H	线长 L	开线 L1	剥头 L2
1	MAC505J450A02	CBB60	450VAC	5 μ F	30 \pm 1	55 \pm 1	150 \pm 10	50 \pm 10	10 \pm 1
2	MAC605J450A04	CBB60	450VAC	6 μ F	30 \pm 1	55 \pm 1	150 \pm 10	50 \pm 10	10 \pm 1
3	MAC755J450A01	CBB60	450VAC	7.5 μ F	35 \pm 1	58 \pm 1	150 \pm 10	50 \pm 10	10 \pm 1
4	MAC805J450A04	CBB60	450VAC	8 μ F	35 \pm 1	58 \pm 1	150 \pm 10	50 \pm 10	10 \pm 1
5	MAC106J450A03	CBB60	450VAC	10 μ F	35 \pm 1	68 \pm 1	150 \pm 10	50 \pm 10	10 \pm 1
6	MAC126J450A02	CBB60	450VAC	12 μ F	35 \pm 1	68 \pm 1	150 \pm 10	50 \pm 10	10 \pm 1
7	MAC146J450A01	CBB60	450VAC	14 μ F	40 \pm 1	68 \pm 1	150 \pm 10	50 \pm 10	10 \pm 1
8	MAC186J450A01	CBB60	450VAC	18 μ F	40 \pm 1	78 \pm 1	150 \pm 10	50 \pm 10	10 \pm 1
9	MAC206J450A02	CBB60	450VAC	20 μ F	40 \pm 1	78 \pm 1	150 \pm 10	50 \pm 10	10 \pm 1
10	MAC256J450A03	CBB60	450VAC	25 μ F	45 \pm 1	78 \pm 1	150 \pm 10	50 \pm 10	10 \pm 1
11	MAC306J450A02	CBB60	450VAC	30 μ F	45 \pm 1	93 \pm 1	150 \pm 10	50 \pm 10	10 \pm 1
12	MAC356J450A02	CBB60	450VAC	35 μ F	45 \pm 1	93 \pm 1	150 \pm 10	50 \pm 10	10 \pm 1




 **注意** 电容器使用须知及环保声明


1.  **注意** 适用范围：交流电动机起动及运转，也可用于工频为 50/60Hz 的交流电力系统中提高功率因数。

2 电容器正常使用条件

2.1  **注意** 海拔：不超过 2,000 m。

2.2  **警告** 污秽：在轻度污秽的大气下运行。

2.3  **警告** 运行温度：-40℃ ~ +85℃。

2.4  **警告** 最高允许过电压： 1.1Un

最大允许电流： 1.3In

最大允许无功容量： 1.35Qn

2.5  **危险** 安装及拆卸

2.5.1 电容器的安装应便于以对流和辐射来散发由电容器损耗所产生的热量。电容器安装盒使用过程中应避免接触到油（否则须定购采用耐油材料设计生产的耐油耐高温电容）。

2.5.2 受到太阳和任何高温面的辐射，电容器的温度将增高。应防止电容器受到辐射。

2.5.3 安装及拆卸时应应对电容两极进行放电，以免人体与电容两极形成回路触电。放电时请远离易燃易爆物。短路放电易损伤电容器，且会产生火花及响声。

2.5.4 不可大力拉扯电容器电极引出端（导线、端子、引出针脚等）。

2.5.5 禁止碰触运行中或设备停机后未放电的电容器；请勿自行拆解电容。

2.5.6 针式电容，焊接至 PCB 板时注意控制焊接温度及焊接时间，不可二次拆卸安装。

3. 电容器储存、使用要求

3.1  **注意** 储存温度、湿度

电容器应贮存在温度为-10℃到+40℃、相对湿度不大于 70%RH、周围空气中无酸碱性及其他有害杂质的库房中。

3.2  **注意** 使用期限：

建议出厂 1 年内装机使用；

超过 1 年未装机，建议复测合格后再使用；

超过 2 年未装机使用，不建议使用；

为确保电容在最佳状态下运行，电容器使用到标称寿命时间后，请更换电容器。


4.  **RoHS** 产品环保声明

电容器原材料物质含量符合欧盟 RoHS 2.0 指令的限值要求。









WARNING




Operation Instruction

1.  WARNING Scope of application:AC motor start up and operation can also be used in power frequency 50/60Hz AC power system to improve power coefficient.

2 **Conditions of use**

- 2.1  WARNING Recommended to use under altitude 2000m
- 2.2  WARNING Residual voltage when voltage is applied:it shouldn't exceed 10% of nominal voltage
- 2.3  WARNING Defilement:best operating under mildly polluted atmosphere
- 2.4  WARNING Operating temperature between -40℃~+85℃
- 2.5  WARNING Maximum allowable voltage :don't go over 10% of the nominal voltage capacitors subject to lighting over voltage,should place the arrester as close to the capacitor as possible
- 2.6  WARNING **Installation and disassembly**
- 2.6.1 The installation of capacitors should facilitate the dissipation of heat generated by the loss of capacitors by convection and radiation.
- 2.6.2 The temperature of capacitor will increase due to radiation from the sun and hot surface,should prevent capacitors from radiation.
- 2.6.3 When installing and disassembling,the two poles of the capacitor should be discharged to avoid the electric shock between the human body and capacitor,keep away from flammable materials when discharging.
- 2.6.4 Best not to pull the capacitor out of the electrode terminals(wire,terminal,hard pins etc)
- 2.6.5 Best not to touch condensers that have not been discharged during operating or after the device is shut down.do not disassemble the capacitor by yourself.
- 2.6.6 Pin capacitance,pay attention to control welding temperature and welding time when welding to PCB board,best not to disassembled and installed again.

3. **Store**

- 3.1  WARNING **Storage Temperature**
storage temperature in the range of -40℃~+85℃
- 3.2  WARNING **Storage Humidity**
average annual humidity ≤75% R.H.
occasionally ≤85% R.H.
relative humidity ≤95% R.H. per year for no more than one month
- 3.3  WARNING **Period of Use**
It is recommended to use the machine within 1 year.
Not installed for more than 1 year,it is recommended to use after retesting.
Not used for more than 2 years,not recommended to use.
In order to ensure that the capacitor operates in its best condition,if the production date is more than 3 years or the running time exceeds 10000 hours,please replace the capacitor.

4.  **RoHS**

Product Substance

Substance content verification result by RoHS Directive (EU)2015/863 amending Annex II to Directive 2011/65/EU.