

Product Specifications

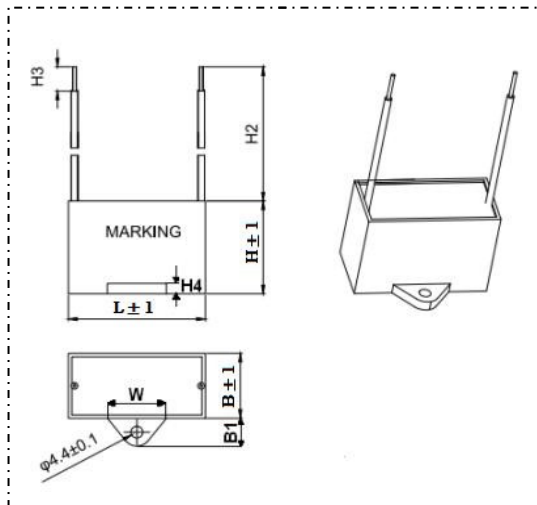
Customer:		MICROS			Customer Confirm:	
Part No.	Model No.	Voltage & Frequency	Capacitance	Notes		
Refer to attachment	CBB61	450V _{AC} ; 50/60Hz	Refer to attachment			
(mm) Dimension	Quantity/Ctn	Gross Weight	(mm) Carton Size			
Refer to attachment	pcs	Kg	415*290*260			
Standard Employ		GB / T3667.1-2016 ; IEC60252-1 ; UL810				<p>Laser Printing:</p> <div style="border: 1px dashed black; padding: 5px; text-align: center;">MARKING</div>
Life Expectancy	/	Class of Protection	S0			
Voltage Endurance Test	T - T	2Un / 2 seconds				
	T - C	2.5 KV _{AC} / 2 seconds				
Capacitance Tolerance	±5%					
Dissipation Factor(tan δ)	≤ 0.0015 (1K Hz)					
Climatic Category	-40°C ~ +85°C / 21					
Dielectric	Metalized Polypropylene Film / Self-Healing					
Housing	ABS Black Housing (UL94 V0)					
Terminals	UL1015 20AWG Black Wire*H2*H3 Full Stripping Double Twist					
Filling	Epoxy Resin (UL94 V0)					
		Draft:		AC Motor Run Capacitor CBB61 Metalized Film Capacitor		
		Authorized:		SHENGE Capacitor		

Product Specifications

Attachment

Unit: mm


	Voltage	Cap.	Part No.	Length	Width	Height	Wire Length	Strip length	Ear thickness	Ear Width	Ear Length
1	450VAC	1 μF	14500147	37±1	14±1	28±1	200±10	10±1	5±1	18±1	12±1
2	450VAC	1.2 μF	1451X221	37±1	14±1	28±1	100±5	10±1	5±1	18±1	12±1
3	450VAC	1.5 μF	1451X579	37±1	14±1	28±1	200±10	10±1	5±1	18±1	12±1
4	450VAC	2 μF	14500296	37±1	14±1	28±1	200±10	10±1	5±1	18±1	12±1
5	450VAC	2.5 μF	1452X571	38±1	19±1	31±1	100±5	10±1	5±1	18±1	12±1
6	450VAC	3 μF	145003A3	38±1	19±1	31±1	120±5	10±1	5±1	18±1	12±1
7	450VAC	4 μF	145004A8	37±1	22±1	34±1	200±10	10±1	4.5±1	15±1	12±1
8	450VAC	5 μF	14500577	47±1	22±1	34±1	200±10	10±1	5±1	18±1	10±1
9	450VAC	6 μF	14500699	47±1	22±1	34±1	160±10	10±1	5±1	18±1	10±1
10	450VAC	8 μF	14500883	47±1	26±1	38±1	200±10	10±1	5±1	18±1	10±1
11	450VAC	10 μF	14501066	47±1	32±1	40±1	200±10	10±1	5±1	18±1	10±1
12	450VAC	0.5 μF	1450X507	37±1	14±1	28±1	200±10	10±1	5±1	18±1	12±1
13	450VAC	0.8 μF	1450X814	37±1	14±1	28±1	200±10	10±1	5±1	18±1	12±1









SHENGE®
CBB61 ⚡ S0
0.5 μF ±5% **450VAC**
 50/60Hz
 40/85/21
 RoHS HSSG Lot No.
 Part No.

SHENGE®
CBB61 ⚡ S0
XX μF ±5% **450VAC**
 50/60Hz
 40/85/21
 RoHS HSSG Lot No.
 Part No.




 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 $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$
- 2.5  WARNING Maximum allowable voltage :don't go over 10% of the nominal voltage capacitors subject to lightning 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,had 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 $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$
- 3.2  WARNING **Storage Humidity**
average annual humidity $\leq 75\%$ R.H.
occasionally $\leq 85\%$ R.H.
relative humidity $\leq 95\%$ 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.



Product Substance

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