



SPECIFICATION FOR APPROVAL

技术规格确认书

客户名称 Customer	
产品类型 Product Model	Wireless Charging CBB21 MPP Metalized Polypropylene Film Capacitor
Part Number	
型号规格 Part Number	CBB21
版本号 Version	

	DES.	CHK.	APP.
Mfg.	HD CHENG	XR LU	DZ LING
Cust.			

SPECIFICATION FOR APPROVAL

Date 日期	Version 版本号	Revise Content 修订内容	Make 制作	Approval 批准
2017.12.01	V1	First custom	HD CHENG	DZ LING

SPECIFICATION FOR APPROVAL

1、Description (Unit : mm)

MPP are constructed with metallized polypropylene film dielectric, ply lead and epoxy resin coating. There are suitable for blocking, by-pass, coupling, decoupling filtering, timing, tuning temperature compensation, and ideal for use in telecommunication equipments data processing equipments, industrial instruments, automatic control system and other general electronic equipments.

2、Features

- Low dissipation factor and high insulation resistance.
- High stability of capacitance and DF versus temperature and frequency Non-inductive construction and self-healing property.
- Metallized polypropylene film
- Low loss at high frequency
- Small inherent temperature rise
- Flame retardant epoxy resin powder coating (UL94/V-0)

3、Specification

Reference Standard	IEC60384-6
Rated Temperature	-40°C~+85°C -40°C~+105°C
Upper Category Temperature	+105°C Derating ratio of rated voltage +85°C~+105°C: 1.5% per °C for VR(DC)
Rated Voltage	100VDC,250VDC,400VDC,630VDC
Capacitance Range	0.0068uf~10.0uf

SPECIFICATION FOR APPROVAL

Capacitance Tolerance	$\pm 1\%(F), \pm 2\%(G), \pm 3\%(H), \pm 5\%(J), \pm 10\%(K), \pm 20\%(M)$		
Dissipation factor	0.1%(max) at 1KHz		
Voltage Proof	Terminal to Terminal:(at $20\pm 5^{\circ}\text{C}$) 1.5*VR applied for 2 sec. (cut off current 10mA)		
Insulation resistance (I.R.)	$\geq 30\ 000\ \Omega$ $\geq 10\ 000\ \Omega$	CR $\leq 0.33\ \mu\text{f}$ CR $> 0.33\ \mu\text{f}$	$20\pm 5^{\circ}\text{C}, 100\text{VDC}, 1\text{min}$

4、 Application

Widely used in high frequency, DC, AC and pulse circuits Suitable for S-correction circuits of large screen monitor
Suitable for the situations where applies high frequency and high current pulse.

5、 Dimensional drawing

Long Straight	
Inner Crimped	

SPECIFICATION FOR APPROVAL

Name	Part	Raw Material
Wireless Charging CBB21 MPP Metalized Polypropylene Film Capacitor	Dielectric	Polypropylene
	Electrode	Metal vacuum evaporation layer (single aluminum type)
	Coating	Flame retardant epoxy powder
	Solder	Tin-zinc alloy
	Lead	Tinned copper or Tinned copper clad steel wire

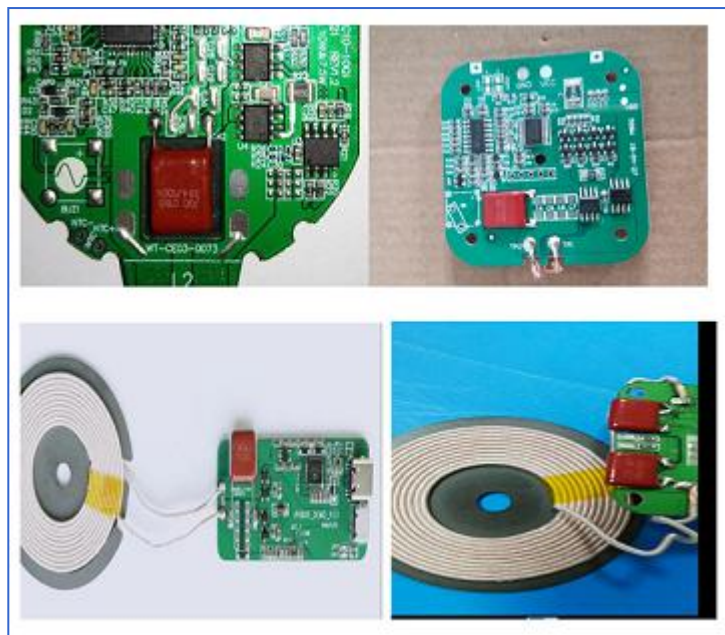
Series	Specification	Size(MAX-mm)	Lead	Laser Mark	REMARK
CBB21	254J100V P=7.5	8.5*8.0*3.0	0.5	254J100V	Wireless Charging
CBB21	334J100V P=7.5	9.5*10.5*3.5	0.5	334J100V	Wireless Charging
CBB21	404J100V P=7.5	9.5*12*3.5	0.5	404J100V	Wireless Charging
CBB21	394100V P=7.5	9.5*12*3.5	0.5	394J100V	Wireless

SPECIFICATION FOR APPROVAL

					Charging
CBB21	334J100V P=7.5 Ultra-thin	9.5*9.5*3.0	0.5	334J100V	Wireless Charging
CBB21	394J100V P=7.5 Ultra-thin	9.5*10.5*3.0	0.5	394J100V	Wireless Charging
CBB21	404J100V P=7.5 Ultra-thin	9.5*10.5*3.0	0.5	404J100V	Wireless Charging
CBB21	474J100V P=7.5	9.5*11.5*3.0	0.5	474J100V	Wireless Charging

6、Typical Application

- (1). Mobile phone wireless charger
- (2). MP3. MP4 wireless charger
- (3). Headset wireless charger
- (4). Smart bracelet wireless charger
- (5). Electric toothbrush wireless charger
- (6). E-cigarette wireless charger
- (7). Beauty Instrument wireless charger



SPECIFICATION FOR APPROVAL

7、 Packing

The capacitors are first packed in plastic bags, an integer multiple of 100 per bag, and a certificate of conformity is placed in the bag. Then put it in the box. Or taping according to customer requirements.

8、 Transportation Requirements

The packaging box with capacitors is allowed to be transported in any way, but direct rain and snow and mechanical damage should be avoided.

9、 Storage Conditions And Duration

Storage conditions: temperature: below 35°C, relative humidity: below 65%, no corrosiveness such as acid and alkali. Storage period: Please use it within 1 year, otherwise it may cause lead oxidation.