



JYH HSU(JEC) ELECTRONICS

Your Parts, Part of You

SINCE 1988

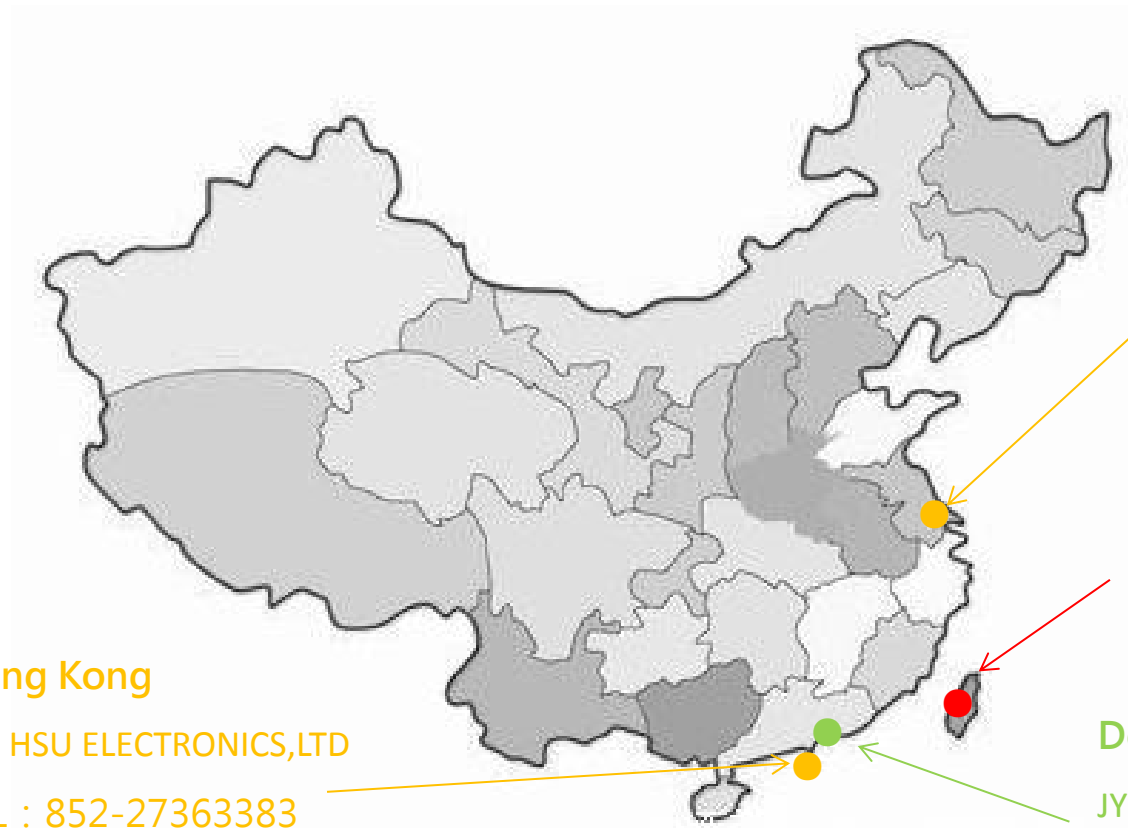
Focus on safety capacitor industry
brand components

[MORE>>](#)



1. Company introduction
2. Production introduction
3. Comparison with competitors
4. JEC own brand products

Company distribution



● Headquarter

● Domestic headquarter

● Sales team

Suzhou

HONG-PIN ELECTRONICS,LTD.

TEL : 86-512-66735222

Taichung

JYH HSU ELECTRONICS,LTD

TEL : 886-424825765

Dongguan

JYH HSU(JEC) ELECTRONICS,LTD

TEL : 86-769-88313601

Hong Kong

JYH HSU ELECTRONICS,LTD

TEL : 852-27363383

Company introduction

JYH HSU(JEC) ELECTRONICS LTD was originally founded in 1988 in Taiwan.
In 1998, the domestic factory was founded in mainland.

With over 30 years experience in capacitor industry, we're the leading capacitor manufacturer in China.

Enterprise composition

Staff: 60

Engineering: 3

Quality Control: 6

Floor Area : 2200M²

Years of establishment : 30 years

Investment of equipment: RMB 80 million

Monthly production volume : 80,000 kpcs



With the most advanced automation manufacturing equipments, laboratory equipment and testing equipment, we manufacture a full range of high quality capacitors and varistors.



automation manufacturing equipments



testing equipment



QUALITY MANAGEMENT SYSTEM CERTIFICATE

Registration Number: 04818Q40272R5S First Issued Date: 2007-03-05

This is to certify that

Unified Social Credit Code: 91441900755601250R

JYH HSU (JEC) ELECTRONICS LTD.

Luchong bridge side, daohou road, caibai country, daojiao town, dongguan city, guangdong

has implemented a quality management system for compliance with this standard:

GB/T19001-2016 / ISO9001:2015

The quality management system for the following scope:

Electronic components manufacturing and related management activities.

Valid date: 2018-07-08 — 2021-10-27
Issued date: 2018-07-08

Signed By: 

The effectiveness of this certificate shall be evaluated by periodic surveillance audits of TBTI for maintenance.
The certificate will not be in force unless qualified identification is made three months by TBTI before appropriate time limit

  中国认可 国际互认 管理体系 MANAGEMENT SYSTEM CNAS C048-M



Addr: T7, Building No. 15, No. 7, Juxin Road North RD, Chaoyang District, Beijing, China
Name: Information of This Certificate is http://www.tbt.org.cn
www.cnas.org.cn

ISO 9001:2015



ENVIRONMENT MANAGEMENT SYSTEM CERTIFICATE

Registration Number: 04818E40165R1S First Issued Date: 2013-07-08

This is to certify that

Unified Social Credit Code: 91441900755601250R

JYH HSU (JEC) ELECTRONICS LTD.

Luchong bridge side, daohou road, caibai country, daojiao town, dongguan city, guangdong

has implemented an environment management system for compliance with this standard:

GB/T24001-2016 / ISO14001:2015

The environment management system for the following scope:

Electronic components manufacturing and related management activities.

Valid date: 2018-07-08 — 2021-07-07
Issued date: 2018-07-08

Signed By: 

The effectiveness of this certificate shall be evaluated by periodic surveillance audits of TBTI for maintenance.
The certificate will not be in force unless qualified identification is made three months by TBTI before appropriate time limit

  中国认可 国际互认 管理体系 MANAGEMENT SYSTEM CNAS C048-M



Addr: T7, Building No. 15, No. 7, Juxin Road North RD, Chaoyang District, Beijing, China
Name: Information of This Certificate is http://www.tbt.org.cn
www.cnas.org.cn

ISO 14001:2015



PRODUCT CERTIFICATE

CERTIFICATE NO.: CQC13001103540

NAME AND ADDRESS OF THE APPLICANT
JYH HSU(JEC)ELECTRONICS LTD
Lu Chong Bridge Side, Dao Hou Rd, Cai Bai Country, Dao Jiao Town, Dong Guan City, Guang Dong

NAME AND ADDRESS OF THE MANUFACTURER
JYH HSU(JEC)ELECTRONICS LTD
Lu Chong Bridge Side, Dao Hou Rd, Cai Bai Country, Dao Jiao Town, Dong Guan City, Guang Dong

NAME AND ADDRESS OF THE FACTORY
JYH HSU(JEC)ELECTRONICS LTD (V008826)
Lu chong Bridge side, Dao Hou Rd, Cai Bai Country, Dao Jiao Town, Dong Guan City, Guang Dong

PRODUCT NAME, MODEL AND SPECIFICATION
Fixed Capacitors For Electromagnetic Interference Suppression And Connection To The Supply Mains, Ceramic Type
JD 系列 (X1Y1, Y1: 500440400250 V ac, Y1: 500440400250 V ac, 5080Hz, 容值 (10pF-1000pF), 气候类别 40/125/21 S, 允许偏差 K(±10%), M(±20%)

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS
IEC60384-14:2013+AMD1:2016

TYPE OF CERTIFICATION SCHEMES
Type Testing of Product + Initial Factory Inspection + Follow up Factory Inspection
This is to certify that the above mentioned product(s) complies with the requirements of certification rules of CQC11-471112-2015.
Valid from: May 24, 2019
The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body.
Date of original issued: Dec.12, 2013

President:  Lu Mei



CHINA QUALITY CERTIFICATION CENTRE
Section 9, No.188, Nansihuan Xilu, Beijing 100070 P.R.China
http://www.cqc.com.cn

C 0146461

CQC(China)

VDE Prüf- und Zertifizierungsinstitut

ZEICHENGENEHMIGUNG MARKS APPROVAL

JYH HSU (JEC) ELECTRONICS LTD
Lu Chong Bridge Side, Dao Hou Rd.
Cai Bai Country
523185 DAO JIAO TOWN, DONGGUAN
Guangdong
CHINA

ist berechtigt, für ihr Produkt /
is authorized to use for their product

**Festkondensator zur Unterdrückung elektromagnetischer
Störungen, geeignet für Netzbetrieb**
**Fixed capacitor for electromagnetic interference
suppression and connection to the supply mains**

die hier abgebildeten markenrechtlich geschützten Zeichen
für die ab Blatt 2 aufgeführten Typen zu benutzen /
the legally protected Marks as shown below for the types referred to on page 2 ff.



Geprüft und zertifiziert nach /
Tested and certified according to

DIN EN 60384-14 (VDE 0565-1-1):2014-04, EN 60384-14:2013-08
IEC 60384-14(ed.4)

Aktenzeichen: 5010734-4670-0002 / 207924
File ref.:

Ausweis-Nr.: 40038642

Certificate No.

Weitere Bedingungen siehe Rückseite und Folienblätter /

Further conditions are specified on following pages

Offenbach, 2015-10-23

(letzte Änderung/updated 2015-04-27)

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Zertifizierungsstelle / Certification

M. Fiedt

VDE-Zertifikat ist nur gültig bei Veröffentlichung unter:
VDE certificates are valid only when published on:

VDE

<http://www.vde.com/certifikaat>

<http://www.vde.com/certification>



2019/9/20

SURGE-PROTECTIVE DEVICES - COMPONENT | UL Product IQ

UL Product IQ™

VZCA2.E486000 - SURGE-PROTECTIVE DEVICES -
COMPONENT

Surge-protective Devices - Component

See General Information for Surge-protective Devices - Component

JYH HSU (JEC) ELECTRONICS LTD
Lu Chong Bridge Side
Dao Hou Rd Cai Bai Country
Dao Jiao Town
Dongguan, Guangdong 511700 CHINA

E486000

Cat No.	SPD Type	Volts (V)	AC/DC/ DC PH	AMPS (A)	AMB (°C)Min	AMB (°C)Max	MODE	VPR (Vpk)	MLV (Vpk)	MCOV (V)	Vn (Vdc)	In (kA)	SCCR (kA)	NOTE	
0SD101K	5	60	AC	1	-	-40	85	Ld-Ld	-	225	60	100	0.1	-	1
0SD121K	5	75	AC	1	-	-40	85	Ld-Ld	-	270	75	120	0.1	-	1
0SD151K	5	95	AC	1	-	-40	85	Ld-Ld	-	315	95	150	0.1	-	1
0SD180L	5	10	AC	1	-	-40	85	Ld-Ld	-	60	11	18	0.05	-	1
0SD181K	5	115	AC	1	-	-40	85	Ld-Ld	-	360	115	180	0.1	-	1
0SD201K	5	130	AC	1	-	-40	85	Ld-Ld	-	400	130	200	0.15	-	1
0SD220K	5	14	AC	1	-	-40	85	Ld-Ld	-	80	14	22	0.05	2015-09-22	1
0SD221K	5	140	AC	1	-	-40	85	Ld-Ld	-	455	140	220	0.15	-	1
0SD241K	5	150	AC	1	-	-40	85	Ld-Ld	-	510	150	240	0.15	-	1
0SD270K	5	17	AC	1	-	-40	85	Ld-Ld	-	100	17	27	0.05	2015-09-22	1
0SD271K	5	175	AC	1	-	-40	85	Ld-Ld	-	565	175	270	0.15	-	1
0SD301K	5	190	AC	1	-	-40	85	Ld-Ld	-	620	190	300	0.15	-	1
0SD330K	5	20	AC	1	-	-40	85	Ld-Ld	-	120	20	33	0.05	2015-09-22	1

ENEC LICENSE

License No. ENEC-00982-A1
Page 1/3
Date of Issue 2019-05-08

License Holder JYH HSU (JEC) ELECTRONICS LTD
Lu Chong Bridge Side
Dao Hou Rd Cai Bai Country
Dao Jiao Town
Dongguan, 511700 Guangdong China
Production site JYH HSU (JEC) ELECTRONICS LTD
Lu Chong Bridge Side
Dao Hou Rd Cai Bai Country
Dao Jiao Town
Dongguan, 511700 Guangdong China

Certification Mark See Annex 1
Certified Product Fixed Capacitors For Electromagnetic Interference Suppression And Connection To The Supply Mains, Ceramic Type
Model JD series

Trademark JEC

Rated Voltage / Frequency X1/Y1, X1: 400/440/500 Vac; Y1: 250/400/440/500 Vac, 50/60Hz,
10 pF to 10000 pF, 40/125/21/B, Capacitance tolerance K(±10%) or M(±20%).

Rated Current / Power -
Insulation Class -
Degree of protection (IP) -
Tested acc. to EN 60384-14:2013/A1:2016, EN 60384-14:2013
Test Report No. CAP-4786421004-A-2 issued on 2019-04-30
Additional

Certification Manager
Jari-Erik Storgaard

Certification Body

This is to certify that responsible authority of the product described herein ("Certified Product") have been investigated and found to comply with the standards indicated on the license, it is authorized to use the ENEC logo. The product is authorized to be used in the ENEC 10 Mark (see above in order 1) for the Certified Product manufactured at the production site(s) identified above in accordance with the ENEC Mark License Agreement (including without limitation the ENEC Mark Testing and Certification Agreement). This ENEC Mark License Agreement and ENEC Mark should be considered as being issued by the ENEC Mark Licensee. This License and sample with other contractual parties in accordance with the ENEC Mark License Agreement (including without limitation the ENEC Mark License Agreement) shall be valid from the date of issuance of this License and shall remain valid until the date of withdrawal of this License.

UL International Denko A/S, Borupvang 5A, DK-2750
Ballerup, Denmark, Tel. +45 44 85 65 65, info.dk@ul.com
www.ul-europe.com




VDE(Germany)

UL(US & CAN)

ENEC(EU)

<div style="text-align: center;">  </div>		접수 번호 (Receipt No.) : 14-047114-01
<h1>전기용품 안전인증서</h1> <h2>Electrical Appliances Safety Certificate</h2>		
안전인증번호 (Certificate No.)	: SU03044-9001C	
제조업자명 (Manufacturer)	: JYH HSU (JEC) ELECTRONICS LTD	
대표자명 (President)	: Mr. Yu Shan Hung	
제조공장의 주소 (Factory Address)	: Lu Cheng Bridge Side, Dao Hou Rd., Cai Bai Country, Dao Jiao Town, Dongguan City, Guangdong P.R. China	
제품명 (Product)	: Y캐패시터 (Y-Capacitor)	
기본모델명 (Basic Model)	: JD	
정격 (Rating)	: 400 VAC Y1 4700 pF 40/085/21/C or 40/125/21/C	
파생모델명 (Series Model)	: See the attachment 2	
적용기준 (Standard)	: IEC 60384-14(ed. 3.0)	
<p>「전기용품안전관리법 시행규칙」 제6조제2항에 따라 위의 전기용품에 대하여 안전인증서를 발급합니다.</p> <p>We issue Electrical Appliances Safety Certificate as above product by Article 6 Section 2 of the Electrical Appliances Safety Control Law Enforcement Regulation.</p>		
		2014 년 10 월 06 일 Year month day
		한국산업기술시험장 KOREA TESTING LABORATORY
<p>* 이 인증서는 「전기용품안전관리법」 제 6 조 제 2 항 제 2 호에 따라 전기용품 안전인증에 관한 인증서이며, 그 밖의 다른 법령에 적용되는 제품의 경우에는 해당 법령에 따라 추가로 인증·허가 등을 받아야 합니다.</p>		
첨·무 : (Annex)	1. 안전관리부품 및 부품목록 (List of Critical Components) 2. 기본모델, 파생모델의 내용 (Descriptions of the basic and series model) 3. 전기용품안전인증의 변경 현황 (Revisions Status)	



Ref. Certif. No.

US-33637-UL

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Fixed Capacitors For Electromagnetic Interference Suppression
And Connection To The Supply Mains, Ceramic Type

Name and address of the applicant

JYH HSU (JEC) ELECTRONICS LTD
Lu Chong Bridge Side
Dao Hou Rd Cai Bai Country
Dao Jiao Town Dongguan, 511700 Guangdong China

Name and address of the manufacturer

JYH HSU (JEC) ELECTRONICS LTD
Lu Chong Bridge Side
Dao Hou Rd Cai Bai Country
Dao Jiao Town Dongguan, 511700 Guangdong China

Name and address of the factory

JYH HSU (JEC) ELECTRONICS LTD
Lu Chong Bridge Side
Dao Hou Rd Cai Bai Country
Dao Jiao Town Dongguan, 511700 Guangdong China

Note: When more than one factory, please report on page 2

☐ Additional information on page 2

Ratings and principal characteristics

X1/Y1, X1: 400/440/500 Vac, Y1: 250/400/440/500 Vac, 50/60Hz,
10 pF to 10000 pF, 40/125/21/8, Capacitance tolerance K(±10%)
or M(±20%).

Trademark (if any)



Type of Customer's Testing Facility (CTF) Stage used

JD series

Model / Type Ref.

☒ Additional information on page 2

Additional information (if necessary may also be
reported on page 2)


A sample of the product was tested and found
to be in conformity with


IEC 60384-14:2013/AM0 1:2016, IEC 60384-14:2013

As shown in the Test Report Ref. No. which forms part
of this Certificate

CAP-4786421004-A-2 issued on 2019-04-30

This CB Test Certificate is issued by the National Certification Body





Date: 2019-05-08

Signature:

Jolanta M. Wroblewska

Jolanta M. Wroblewska

UL (US), 333 Piquette Ave L, E0002, Northbrook, IL, USA
UL (Canada), 5500 Yonge St, Suite 210, Richmond Hill, ON L4B 1N7, Canada
UL (JP), Marunouchi Trust Tower Main Building 9F, 1-9-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
UL (CN), 7 Underwriters House, Toronto, M5R 3B6, Canada, CANADA

For full legal entity names see www.ul.com/en/certificates

SGS		
Test Report	No. CANEC1903476601	Date: 14 Mar 2019 Page 1 of 7
JYH HSU JEC ELECTRONICS LTD		
LUCHONG BRIDGE SIDE DAO HOU RD, CAI BAI COUNTRY, DAOJIAO TOWN DONG GUAN CITY, GUANG DONG CHINA		
The following sample(s) was/were submitted and identified on behalf of the clients as : AC safety Y capacitance		
SGS Job No. :	CP19-009905 - SZ	
Date of Sample Received :	08 Mar 2019	
Testing Period :	08 Mar 2019 - 14 Mar 2019	
Test Requested :	Selected test(s) as requested by client.	
Test Method :	Please refer to next page(s).	
Test Results :	Please refer to next page(s).	
Conclusion :	Based on the performed tests on selected part of submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated diphenyls (PBDs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.	
<p>Signed for and on behalf of SGS-STC Standards Technical Services Co., Ltd. Guangzhou Branch</p> <p><i>Violet Shi</i></p> <p>Violet Shi Approved Signatory</p>		

KC(South Korea)

IEC

RoHS & REACH

Products include

Low, medium and high voltage ceramic capacitors

Interference suppression capacitors(X2, Y1, Y2),

Metalized film capacitors(CL11, CL23, CL23B, CL21, CL21X, CBB81, CBB21, CBB22, CBB13 etc.)

Varistor(surge absorber)

Super Capacitor

Electrolytic Capacitor



Strategic partners

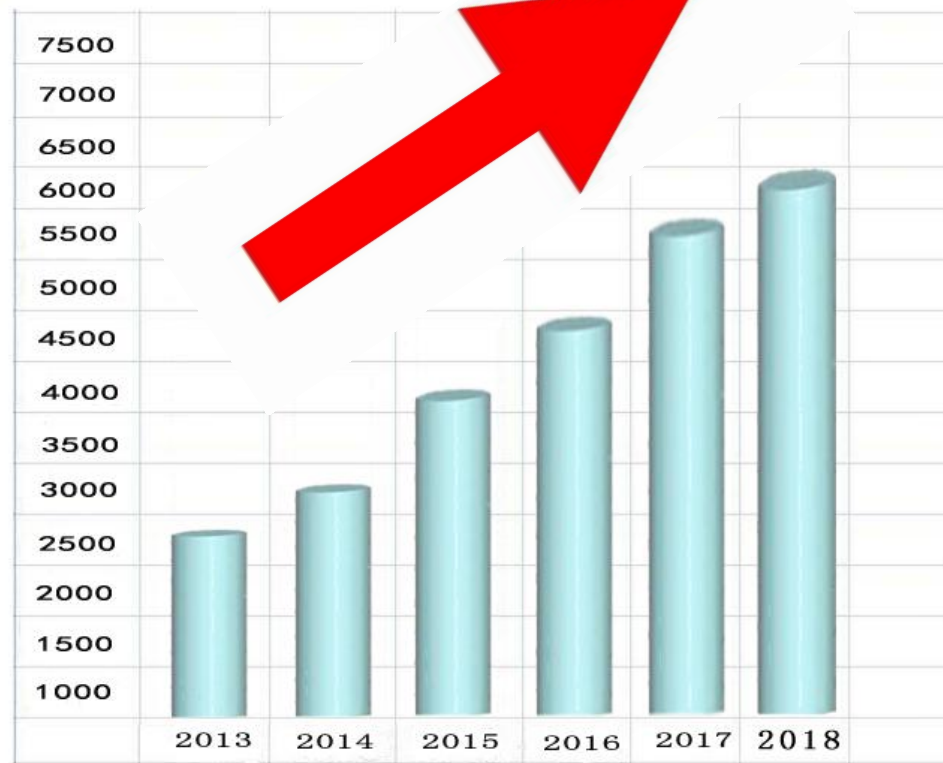


Strategic partners



Annual sales between 2013 and 2018.

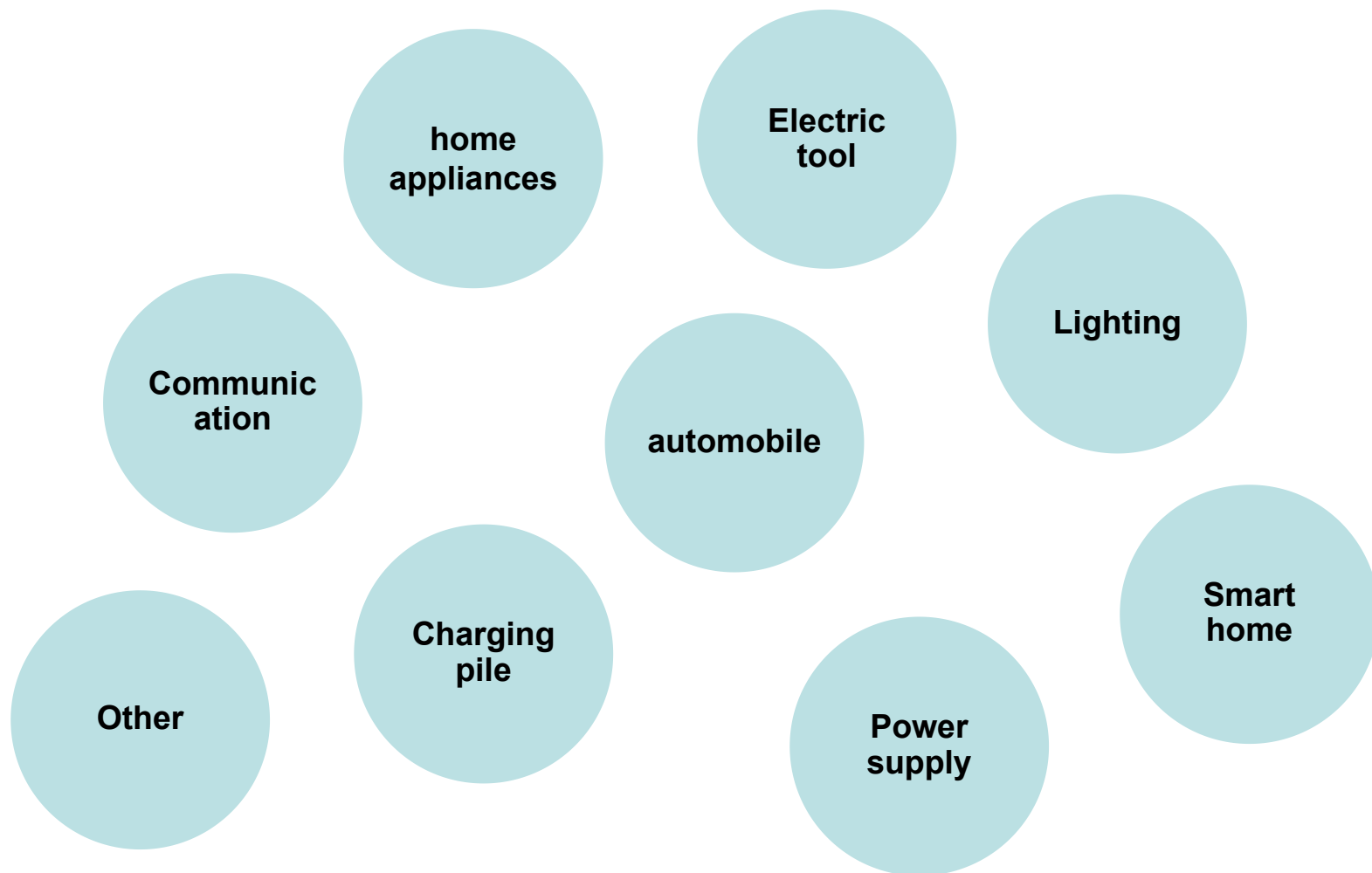
Unit: Million(CNY)



Production video



- We Import automation manufacturing equipments, high-precision testing equipment, and do 100% inspection before delivery.
- We strictly select the raw materials. (use environment-friendly materials, reject defects, etc)
- We systematically monitor the solder joints, reject empty soldering, false soldering, or silver consumption.
- Innovative 7Q tracking system for quality control in all process, from raw materials-tuning-production-baking- inspection-packaging-delivery.









Security and High quality

We adhere to the principle of "Security and High quality", provide professional and one stop service for customers, to achieve the mutual success for both!









Comparison with competitors

Y 1 Safety Ceramic Capacitor

Brand	ENEC or CE X1 / Y1	UL + CUL X1 / Y1	VDE or TUV X1 / Y1	Operating Temperature	Capacitance (pF)
 JEC	500/500	500/500	500/500	40/125/21/B	10P~10000P
 SEC		500/250	500/500	40/125/21/B	10P~4700P
 TDK	440/400	440/400	440/400	55/125/21	10P~4700P
 JNC	440/400	440/400	440/400	25/125/21	8P~4700P
 HTCC	400(Y1)	400/250	400(Y1)	25/85/21	100P~4700P
 DON		400/250	400/250	25/85/21C	100P~4700P

Y 2 Safety Ceramic Capacitor

Brand	ENEC or CE X1 / Y2	UL + CUL X1 / Y2	VDE or TUV X1 / Y2	Operating Temperature	Capacitance (pF)
	500/500	500/500	500/500	40/125/21/B	10P~10000P
		400/300	AC300	40/125/21/B	10P~10000P
	440/400	440/400	440/400	55/125/21	10P~10000P
	400/250	400/250	400/250	25/125/21	5.1P~10000P
	400/250	400/250	400/250	25/85/21	100P~10000P
		400/250	400/250	25/85/21C	100P~10000P

JEC own brand products

CT7-Safety
Standard
Recognized
Ceramic
Capacitors



- 1)Ceramic dielectric
- 2)Epoxy resin sealing
- 3)Get the certificate of CQC、KC、UL、CAS、ENEC、VDE、INC

- 1.Suitable for power circuit, noise suppression circuit
- 2.Suitable for high voltage By-passing, Coupling.

Rohs
Reach
Halogen-free

CC81、CT81-
Mid high
voltage disc
capacitors



- 1)Suitable for DC high voltage
- 2)Low loss

- 1.Suitable for high voltage By-passing, Coupling.
- 2.Line scanning of TV reception

Rohs
Reach
Halogen-free

CC1-
Temperature
Compensating
Ceramic
Capacitors



Capacitance has linear change with temperature

- 1.Suitable for circuit tuning.
- 2.Suitable for circuit of compensate the temperature effect

Rohs
Reach
Halogen-free

CT1-High
Dielectric
Constant
Ceramic
Capacitors



- 1)High dielectric constant(M).
- 2) Large capacitance
- 3)Small size

Suitable locking, By-passing, Coupling, filter and low pulse circuits

Rohs
Reach
Halogen-free

JEC own brand products

CS1-Semi-Conductor Ceramic Capacitors

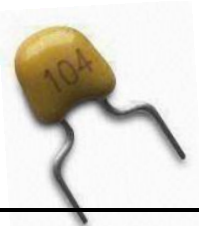


- 1)Semiconductor structures surface layer of the capacitor body
- 2)Large capacitance
- 3)Small size.

Suitable locking, By-passing, Coupling, filter and low pulse circuits

Rohs
Reach
Halogen
-free

CC4/CT4 Radial Leaded & Mlcc



Miniature size,large capacitance,tape and reel packaging suitable for auto-placement

Epoxy resin coating creates excellent performance in humidity resistance,mechanical strength and heat resistance

Rohs
Reach
Halogen
-free

CC42/CT42Axial Leaded Mlcc



Miniature size,large capacitance,tape and reel packaging suitable for auto-placement

Epoxy resin coating creates excellent performance in humidity resistance,mechanical strength and heat resistance

Rohs
Reach
Halogen
- free

Zinc oxide varistor



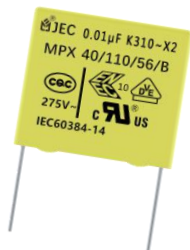
- 1) Low clamping voltage
- 2) response speed fast(NS)
- 3) No over-current relay
- 4) Get the certificate of CQC, VDE, UL

1)Suitable for overvoltage protection of transistor,IC, SCR, thyristor and so on.
2)Surge absorber and overvoltage protection of the appliance.

Rohs
Reach
Halogen
- free

JEC own brand products

CBB62(PXK)



- * Particularly high reliability against active and passive flammability
- * Excellent self-healing as well as high voltage strength

- * Class X2 RFI applications to meet EMC regulations
- * Capacitors connected to the mains between phase and neutral or phase conductors

Rohs
Reach
Halogen-free

CL21(MEF)



- * High pulse strength
- * High contact reliability
- * Halogen-free capacitors available on request

- * Compact fluorescent lamps (CFL)
- * Blocking
- * Coupling, decoupling
- * Bypassing

Rohs
Reach
Halogen-free

CBB22(MPP)



- * High volume/capacitance ratio
- * Self-healing
- * Very low dissipation factor
- * Very low dielectric absorption
- * Halogen-free capacitors available on request

- * Switch-mode power supplies
- * Electronic ballasts

Rohs
Reach
Halogen-free

CL20(MET)



- * Non-inductive construction.
- * Self-healing property.
- * High property moisture resistance.

- * Smoothing
- * Filtering

Rohs
Reach
Halogen-free

JEC own brand products

CL20(MEA)

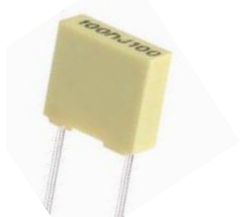


- * Non-inductive construction.
- * Self-healing property.
- * High property moisture resistance.
- * High capacitance value available and compac size.

- * Smoothing
- * Filtering

Rohs
Reach
Halogen-free

CL21X-B(MSC)



- * Small size
- * High pulse strength
- * High contact reliability
- * Halogen-free capacitors available on request

- * Blocking
- * Coupling, decoupling
- * Bypassing
- * RFI for automotive

Rohs
Reach
Halogen-free

CL21X(MEM)



- * Very small dimensions
- * Self-healing properties
- * High pulse strength
- * Halogen-free capacitors available on request

- * By-pass
- * Blocking
- * Coupling and decoupling
- * Timing

Rohs
Reach
Halogen-free

CL11(PEI)



- * Small size, light weighe and olw cost.
- * High stability and reliability.
- * Dissipation factor is small because the leads are directly welded to electrodes.

- * Widely used in DC and pulsating circuits of radio,Communication TV sets and various electronic equipments.

Rohs
Reach
Halogen-free



You parts, Part of you!

Thank you!

