



# 安规陶瓷电容器国际认证证书

CERTIFICATE OF RECOGNIZED CERAMIC CAPACITOR

(CD/CE系列)

(2023年 11 月版本)

汕头保税区松田电子科技有限公司

SHANTOU BONDED AREA SONGTIAN ELECTRONIC TECHNOLOGY CO., LTD

[Http://www.songtian.cn](http://www.songtian.cn)

安规陶瓷电容器（CD/CE 型）安全认证标准及证书号：

| 序号 | 国家      |                                                                                     | 安规标准   |                                                    | 证书号                    |                |
|----|---------|-------------------------------------------------------------------------------------|--------|----------------------------------------------------|------------------------|----------------|
|    |         |                                                                                     |        |                                                    | X1Y1（CD）               | X1Y2（CE）       |
| 1  | 中国      |    | CQC    | GB/T6346.14-2023<br>IEC60384-14:2013+AMD<br>1:2016 | CQC19001213616         | CQC19001213202 |
| 2  | 德国      |    | VDE    | En 60384-14:2017-04                                | 40025754               | 40025748       |
| 3  | 欧盟      |    | ENEC   | En 60384-14:<br>2017-04                            | 40025754               | 40025748       |
| 4  | 韩国      |   | KTL    | K60384-14<br>(2015)                                | SU03031-19001A         | SU03031-7001B  |
| 5  | 美国/加拿大  |  | UL/CUL | UL60384-14                                         | E208107                | E208107        |
| 6  | 国际电工委员会 | <b>CB</b>                                                                           | IEC-CB | IEC 60384-14                                       | DE1-64371/B2/A<br>1/M1 | DE1-67721/B2   |



# 产品认证证书

证书编号: CQC19001213616

发证日期: 2022年03月11日

有效期至: 长期有效

**委托人名称** 汕头高新区松田实业有限公司  
**及注册地址** 汕头高新区科技西路9号7楼701房之015

**制造商名称** 汕头高新区松田实业有限公司  
**及注册地址** 汕头高新区科技西路9号7楼701房之015

**生产企业名称** 汕头保税区松田电子科技有限公司  
**及生产地址** 汕头保税区松田科技园东区、松田科技园西区

**产品名称和系列、规格、型号** 抑制电源电磁干扰用固定电容器(交流瓷介电容器)  
CD-X1Y1-500VAC/400VAC/250VAC-(10~4700)pF; 电容器小类: X1Y1; 额定电压: 500VAC、400VAC、250VAC; 容量范围: 10pF~4700pF (SL: 10pF~82pF; Y5P: 100pF~1000pF; Y5V: 1000pF~4700pF; Y5U: 330pF~4700pF); 容量允许偏差: K:  $\pm 10\%$ , M:  $\pm 20\%$ ; 阻燃性级别: B; 气候类别为 40/125/21; Annex III B for Y5P、Y5U、Y5V; Annex H for Y5P、Y5U、Y5V

**产品标准和技术要求** IEC60384-14:2013+AMD1:2016

**认证模式** 产品型式试验+获证后监督

上述产品符合 CQC11-471112-2015 认证规则的要求, 特发此证。

本证书为变更证书, 证书首次颁发日期: 2019年02月19日

本证书的有效性依据发证机构的定期监督获得保持。

可通过扫描下方二维码或登录国家认监委网站(www.cnca.gov.cn)查验证书信息



签发:

谢肇煦



中国质量认证中心



# 产品认证证书

证书编号: CQC19001213202

发证日期: 2023 年 11 月 15 日  
有效期至: 长期有效

委托人名称 汕头高新区松田实业有限公司  
及注册地址 汕头高新区科技西路 9 号 7 楼 701 房之 015

制造商名称 汕头高新区松田实业有限公司  
及注册地址 汕头高新区科技西路 9 号 7 楼 701 房之 015

生产企业名称 汕头保税区松田电子科技有限公司  
及生产地址 汕头保税区松田科技园东区、松田科技园西区

产品名称和系列、规格、型号 抑制电源电磁干扰用固定电容器  
CE-X1/440VAC/400VAC-Y2/300VAC/275VAC/250VAC- ( 100-10000 ) pF : 电容器小类 : X1Y2;  
额定电压 :X1:440VAC、400VAC ,Y2 :300VAC、275VAC、250VAC ;容量范围 :100pF-10000pF  
( Y5P:100pF~1000pF,Y5U:680pF~10000pF,Y5V:1000pF~10000pF ) ;容量允许偏差 :K : $\pm 10\%$  ,  
M : $\pm 20\%$  ,阻燃性级别 :B ;气候类别 :40/125/21;Annex H:1500VDC for Y5P,Y5U,Y5V;Annex I:IIIB  
for Y5P,Y5U,Y5V

产品标准和技术要求 GB/T 6346.14-2023

认证模式 产品型式试验+获证后监督

上述产品符合 CQC11-471115-2023 认证规则的要求, 特发此证。

本证书为变更证书, 证书首次颁发日期: 2019 年 01 月 31 日

本证书的有效性依据发证机构的定期监督获得保持。

可通过扫描下方二维码或登录国家认监委网站 ( www.cnca.gov.cn ) 查验证书信息



签发:

谢肇煦



中国质量认证中心

## ZEICHENGENEHMIGUNG MARKS APPROVAL

Shantou High-New Technology  
Dev. Zone Songtian Enterprise Co., Ltd.  
No. 9 Kejixi Road  
Gaoxin District  
515041 SHANTOU CITY  
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

DIN EN 60384-14/A1 (VDE 0565-1-1/A1):2017-04; EN 60384-14:2013/A1:2016

Das Produkt erfüllt auch die Anforderungen nach /  
*The product also fulfills the requirements of*

IEC 60384-14:2013

IEC 60384-14:2013/AMD1:2016

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



M. Tasotti

VDE Zertifikate sind nur gültig bei Veröffentlichung unter:  
VDE certificates are valid only when published on:

# VDE

Aktenzeichen: 5000368-4670-0001 / 286506

File ref.:

Ausweis-Nr. 40025754

Blatt 1

Certificate No.

Page

Weitere Bedingungen siehe Rückseite und Folgeblätter /  
*further conditions see overleaf and following pages*

Offenbach, 2008-11-04

(letzte Änderung / updated 2021-08-16)

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

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



Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*

Shantou High-New Technology Dev. Zone Songtian Enterprise Co., Ltd., No. 9 Kejixi Road, Gaoxin District,  
515041 SHANTOU CITY, Guangdong, CHINA

Aktenzeichen / *File ref.*

5000368-4670-0001 / 286506 / TL3 / KIL

letzte Änderung / *updated*

2021-08-16

Datum / *Date*

2008-11-04

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40025754.

*This supplement is only valid in conjunction with page 1 of the Certificate No. 40025754.*

## **Festkondensator zur Unterdrückung elektromagnetischer Störungen, geeignet für Netzbetrieb**

### ***Fixed capacitor for electromagnetic interference suppression and connection to the supply mains***

Typ(en) / *Type(s)*

#### **CD-Series**

Warenzeicheninhaber  
*Trademark holder*

Shantou High-New Technology Dev. Zone Songtian Enterprise  
Co., Ltd.,

Weitere Einzelheit(en)

Anlage Nr. 200 vom 2021-08-16  
Anlage Nr. 700 vom 2021-03-04  
Anlage Nr. 600 vom 2020-12-18

*Further details*

*Appendix no. 200 dated 2021-08-16  
Appendix no. 700 dated 2021-03-04  
Appendix no. 600 dated 2020-12-18*

VDE Prüf- und Zertifizierungsinstitut GmbH  
*VDE Testing and Certification Institute*  
Fachgebiet TL3  
*Section TL3*

# VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. /  
Certificate No.  
40025754

Beiblatt /  
Supplement

Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*

Shantou High-New Technology Dev. Zone Songtian Enterprise Co., Ltd., No. 9 Kejixi Road, Gaoxin District,  
515041 SHANTOU CITY, Guangdong, CHINA

Aktenzeichen / *File ref.*

5000368-4670-0001 / 286506 / TL3 / KIL

letzte Änderung / *updated*

2021-08-16

Datum / *Date*

2008-11-04

Dieses Beiblatt ist Bestandteil des Zeichengenehmigungsausweises Nr. 40025754.

*This supplement is part of the Certificate No. 40025754.*

## **Festkondensator zur Unterdrückung elektromagnetischer Störungen, geeignet für Netzbetrieb**

***Fixed capacitor for electromagnetic interference  
suppression and connection to the supply mains***

**Fertigungsstätte(n)**

***Place(s) of manufacture***

Referenz/*Reference*

**30024868**

SHANTOU FREE TRADE ZONE SONGTIAN

ELECTRONIC TECHNOLOGY CO.,LTD.

Songtian science and technology

park, Free trade zone

515071 SHANTOU

Guangdong

CHINA

VDE Prüf- und Zertifizierungsinstitut GmbH

*VDE Testing and Certification Institute*

Fachgebiet TL3

*Section TL3*

# VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Infoblatt /  
Certificate No. Info sheet  
40025754

Name und Sitz des Genehmigungs-Inhabers / Name and registered seat of the Certificate holder

Shantou High-New Technology Dev. Zone Songtian Enterprise Co., Ltd., No. 9 Kejixi Road, Gaoxin District,  
515041 SHANTOU CITY, Guangdong, CHINA

Aktenzeichen / File ref.

5000368-4670-0001 / 286506 / TL3 / KIL

letzte Änderung / updated

2021-08-16

Datum / Date

2008-11-04

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40025754.

*This supplement is only valid in conjunction with page 1 of the Certificate No. 40025754.*

## **Genehmigung zum Benutzen des auf Seite 1 abgebildeten markenrechtlich geschützten Zeichens des VDE:**

Grundlage für die Benutzung sind die Allgemeinen Geschäftsbedingungen (AGB) der VDE Prüf- und Zertifizierungsinstitut GmbH ([www.vde.com\AGB-Institut](http://www.vde.com\AGB-Institut)). Das Recht zur Benutzung erstreckt sich nur auf die bezeichnete Firma mit den genannten Fertigungsstätten und die oben aufgeführten Produkte mit den zugeordneten Bezeichnungen. Die Fertigungsstätte muss so eingerichtet sein, dass eine gleichmäßige Herstellung der geprüften und zertifizierten Ausführung gewährleistet ist.

Die Genehmigung ist so lange gültig wie die VDE-Bestimmungen gelten, die der Zertifizierung zugrunde gelegen haben, sofern sie nicht auf Grund anderer Bedingungen aus der VDE Prüf- und Zertifizierungsordnung (PM102) zurückgezogen werden muss.

Der Gültigkeitszeitraum einer VDE-GS-Zeichengenehmigung kann auf Antrag verlängert werden. Bei gesetzlichen und / oder normativen Änderungen kann die VDE-GS-Zeichengenehmigung ihre Gültigkeit zu einem früheren als dem angegebenen Datum verlieren.

Produkte, die das Biozid Dimethylfumarat (DMF) enthalten, dürfen gemäß der Kommissionsentscheidung 2009/251/EG nicht mehr in den Verkehr gebracht oder auf dem Markt bereitgestellt werden.

Der VDE-Zeichengenehmigungsausweis wird ausschließlich auf der ersten Seite unterzeichnet.

### **Approval to use the legally protected Mark of the VDE as shown on the first page:**

*Basis for the use are the general terms and conditions of the VDE Testing and Certification Institute ([www.vde.com\terms-institute](http://www.vde.com\terms-institute)). The right to use the mark is granted only to the mentioned company with the named places of manufacture and the listed products with the related type references. The place of manufacture shall be equipped in a way that a constant manufacturing of the certified construction is assured.*

*The approval is valid as long as the VDE specifications are in force, on which the certification is based on, unless it is withdrawn according to the VDE Testing and Certification Procedure (PM102E).*

*The validity period of a VDE-GS-Mark Approval may be prolonged on request. In case of changes in legal and / or normative requirements, the validity period of a VDE-GS-Mark Approval may be shortened.*

*Products containing the biocide dimethylfumarate (DMF) may not be marketed or made available on the EC market according to the Commission Decision 2009/251/EC.*

*The approval is solely signed on the first page.*

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

|                                                                                                                          |                                                                                                                                                                                                            |            |                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------|
| Typ(en)<br>Type(s)                                                                                                       | CD-Series                                                                                                                                                                                                  |            |                                                                                                                                  |
| Bemessungskapazität<br>Rated capacitance                                                                                 | 10 pF; 12 pF; 15 pF; 18 pF; 20 pF; 22 pF; 27 pF; 33 pF; 39 pF; 47 pF; 56 pF; 68 pF; 82 pF; 100 pF; 150 pF; 220 pF; 330 pF; 470 pF; 560 pF; 680pF; 1000 pF; 1500 pF; 2200 pF; 3300 pF; 4700 pF              |            |                                                                                                                                  |
| Bemessungsspannung<br>Rated voltage                                                                                      | 1) For SL: AC 250 / 400V<br>2) For Y5P, Y5U, Y5V: AC 250 / 400 / 500 V                                                                                                                                     |            |                                                                                                                                  |
| Kondensatorklasse und -unterklasse<br>Capacitor class and subclass                                                       | X1; Y1                                                                                                                                                                                                     |            |                                                                                                                                  |
| Grenzabweichung der Bemessungskapazität<br>Tolerance of rated capacitance                                                | 1) $\pm 10\%$ (K) for SL, Y5P, Y5U<br>2) $\pm 20\%$ (M) for Y5U, Y5V                                                                                                                                       |            |                                                                                                                                  |
| Klimakategorie<br>Climatic category                                                                                      | 1) 25/125/21 only for SL<br>2) 40/125/21 only for Y5P, Y5U, Y5V<br>3) Annex IIIB only for Y5P, Y5U, Y5V                                                                                                    |            |                                                                                                                                  |
| Kategorie der passiven Entflammbarkeit<br>Passive flammability category                                                  | 1) C for SL<br>2) B for Y5P, Y5U, Y5V                                                                                                                                                                      |            |                                                                                                                                  |
| Keramikart<br>Type of ceramic                                                                                            | SL, Y5P, Y5U, Y5V                                                                                                                                                                                          |            |                                                                                                                                  |
| Temperaturcharakteristik<br>Temperature characteristic                                                                   | SL (10 pF to 82 pF) $\pm 10\%$ (K)<br>Y5P (100 pF to 1000pF) $\pm 10\%$ (K)<br>Y5U (330 pF to 680 pF) $\pm 10\%$ (K)<br>Y5U (1000 pF to 4700 pF) $\pm 20\%$ (M)<br>Y5V (1000 pF to 4700 pF) $\pm 20\%$ (M) |            |                                                                                                                                  |
| Genehmigung für Gleichspannungs-anwendungen nach Anhang H<br>Approval for d.c. applications according to Annex H         | <input checked="" type="checkbox"/>                                                                                                                                                                        | ja<br>yes  | Bemessungsgleichspannung<br>d.c. rated voltage                                                                                   |
|                                                                                                                          | <input type="checkbox"/>                                                                                                                                                                                   | nein<br>no | DC 1500 V<br>Only for Y5P, Y5U, Y5V                                                                                              |
| Genehmigung für Feuchtebeständigkeitsklasse nach Anhang I<br>Approval for humidity robustness grade according to Annex I | <input type="checkbox"/>                                                                                                                                                                                   | IA         | 21 Tage bei 40 °C / 93 % r.F. mit angelegter Bemessungsspannung<br>21 days at 40 °C / 93 % r.h. with rated voltage applied       |
|                                                                                                                          | <input type="checkbox"/>                                                                                                                                                                                   | IB         | 168 Stunden bei 85 °C / 85 % r.F. mit angelegter Bemessungsspannung<br>168 hours at 85 °C / 85 % r.h. with rated voltage applied |
|                                                                                                                          | <input type="checkbox"/>                                                                                                                                                                                   | IIA        | 56 Tage bei 40 °C / 93 % r.F. mit angelegter Bemessungsspannung<br>56 days at 40 °C / 93 % r.h. with rated voltage applied       |
|                                                                                                                          | <input type="checkbox"/>                                                                                                                                                                                   | IIB        | 500 Stunden bei 85 °C / 85 % r.F. mit angelegter Bemessungsspannung<br>500 hours at 85 °C / 85 % r.h. with rated voltage applied |
|                                                                                                                          | <input type="checkbox"/>                                                                                                                                                                                   | IIIA       | 56 Tage bei 60 °C / 93 % r.F. mit angelegter Bemessungsspannung<br>56 days at 60 °C / 93 % r.h. with rated voltage applied       |

VDE Prüf- und Zertifizierungsinstitut  
Zeichengenehmigung

Name und Sitz des Genehmigungs-Inhabers / Name and registered seat of the Certificate holder

Shantou High-New Technology, Dev. Zone Songtian Enterprise Co., Ltd., No. 9 Kejixi Road, Gaoxin District, 515041 SHANTOU CITY, Guangdong China

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40025754.  
This supplement is only valid in conjunction with page 1 of the Certificate No. 40025754

Rubrik / Rubric

341

Ausweis-Nr. /  
Certificate No.  
40025754

Anlage /  
Appendix  
200

Aktenzeichen / File ref.

5000368-4670-  
0001/286506/TL3/KIL

letzte Änderung / updated

2021-08-16

Datum / Date

2008-11-04

|                                         |                                                                     |               |                                                                                                                                      |
|-----------------------------------------|---------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------|
|                                         | <input checked="" type="checkbox"/>                                 | IIIB          | 1.000 Stunden bei 85 °C / 85 % r.F. mit angelegter Bemessungsspannung<br>1.000 hours at 85 °C / 85 % r.h. with rated voltage applied |
|                                         | <input type="checkbox"/>                                            | keine<br>none |                                                                                                                                      |
| Warenzeicheninhaber<br>Trademark holder | Shantou High-New Technology Dev. Zone Songtian Enterprise Co., Ltd. |               |                                                                                                                                      |



## ZEICHENGENEHMIGUNG MARKS APPROVAL

Shantou High-New Technology  
Dev. Zone Songtian Enterprise Co., Ltd.  
No. 9 Kejixi Road  
Gaoxin District  
515041 SHANTOU CITY  
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.*



und/oder - and/or



Geprüft und zertifiziert nach /  
*Tested and certified according to*

DIN EN 60384-14 (VDE 0565-1-1):2014-04; EN 60384-14:2013-08

DIN EN 60384-14/A1 (VDE 0565-1-1/A1):2017-04; EN 60384-14:2013/A1:2016

Das Produkt erfüllt auch die Anforderungen nach /  
*The product also fulfills the requirements of*

IEC 60384-14:2013

IEC 60384-14:2013/AMD1:2016

Aktenzeichen: 5000368-4670-0003 / 305940

File ref.:

Ausweis-Nr. 40025748

Blatt 1

Certificate No.

Page

Weitere Bedingungen siehe Rückseite und Folgeblätter /  
*further conditions see overleaf and following pages*

Offenbach, 2008-11-03

(letzte Änderung / updated 2023-08-09)

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

M. Tasotti

VDE Zertifikate sind nur gültig bei Veröffentlichung unter:  
VDE certificates are valid only when published on:

<http://www.vde.com/zertifikat>  
<http://www.vde.com/certificate>

Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*

Shantou High-New Technology Dev. Zone Songtian Enterprise Co., Ltd., No. 9 Kejixi Road, Gaoxin District,  
515041 SHANTOU CITY, Guangdong, CHINA

Aktenzeichen / *File ref.*

5000368-4670-0003 / 305940 / TL3 / BT

letzte Änderung / *updated*

2023-08-09

Datum / *Date*

2008-11-03

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40025748.

*This supplement is only valid in conjunction with page 1 of the Certificate No. 40025748.*

## **Festkondensator zur Unterdrückung elektromagnetischer Störungen, geeignet für Netzbetrieb**

***Fixed capacitor for electromagnetic interference  
suppression and connection to the supply mains***

Typ(en) / *Type(s)*

### **CE Series**

Warenzeicheninhaber  
*Trademark holder*

Shantou High-New Technology  
Dev. Zone Songtian Enterprise Co., Ltd.

Weitere Einzelheit(en)  
*Further details*

Anlage Nr. 200,600,700 vom 2023-06-30  
*Appendix no. 200,600,700 dated 2023-06-30*

Hinweis  
*Notice*

*The voltage proof Test A was performed at the increased test  
voltage AC 2600 V .*

# VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. /  
Certificate No.  
40025748

Beiblatt /  
Supplement

Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*

Shantou High-New Technology Dev. Zone Songtian Enterprise Co., Ltd., No. 9 Kejixi Road, Gaoxin District,  
515041 SHANTOU CITY, Guangdong, CHINA

Aktenzeichen / *File ref.*

5000368-4670-0003 / 305940 / TL3 / BT

letzte Änderung / *updated*

2023-08-09

Datum / *Date*

2008-11-03

Dieses Beiblatt ist Bestandteil des Zeichengenehmigungsausweises Nr. 40025748.

*This supplement is part of the Certificate No. 40025748.*

## **Festkondensator zur Unterdrückung elektromagnetischer Störungen, geeignet für Netzbetrieb**

***Fixed capacitor for electromagnetic interference  
suppression and connection to the supply mains***

**Fertigungsstätte(n)**

***Place(s) of manufacture***

Referenz/*Reference*

**30024868**

SHANTOU FREE TRADE ZONE SONGTIAN

ELECTRONIC TECHNOLOGY CO.,LTD.

Songtian science and technology

park, Free trade zone

515071 SHANTOU

Guangdong

CHINA

# VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Infoblatt /  
Certificate No. Info sheet  
40025748

Name und Sitz des Genehmigungs-Inhabers / Name and registered seat of the Certificate holder

Shantou High-New Technology Dev. Zone Songtian Enterprise Co., Ltd., No. 9 Kejixi Road, Gaoxin District,  
515041 SHANTOU CITY, Guangdong, CHINA

Aktenzeichen / File ref.

5000368-4670-0003 / 305940 / TL3 / BT

letzte Änderung / updated

2023-08-09

Datum / Date

2008-11-03

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40025748.

*This supplement is only valid in conjunction with page 1 of the Certificate No. 40025748.*

## **Genehmigung zum Benutzen des auf Seite 1 abgebildeten markenrechtlich geschützten Zeichens des VDE:**

Grundlage für die Benutzung sind die Allgemeinen Geschäftsbedingungen (AGB) der VDE Prüf- und Zertifizierungsinstitut GmbH ([www.vde.com\AGB-Institut](http://www.vde.com\AGB-Institut)). Das Recht zur Benutzung erstreckt sich nur auf die bezeichnete Firma mit den genannten Fertigungsstätten und die oben aufgeführten Produkte mit den zugeordneten Bezeichnungen. Die Fertigungsstätte muss so eingerichtet sein, dass eine gleichmäßige Herstellung der geprüften und zertifizierten Ausführung gewährleistet ist.

Die Genehmigung ist so lange gültig wie die VDE-Bestimmungen gelten, die der Zertifizierung zugrunde gelegen haben, sofern sie nicht auf Grund anderer Bedingungen aus der VDE Prüf- und Zertifizierungsordnung (PM102) zurückgezogen werden muss.

Der Gültigkeitszeitraum einer VDE-GS-Zeichengenehmigung kann auf Antrag verlängert werden. Bei gesetzlichen und / oder normativen Änderungen kann die VDE-GS-Zeichengenehmigung ihre Gültigkeit zu einem früheren als dem angegebenen Datum verlieren.

Produkte, die das Biozid Dimethylfumarat (DMF) enthalten, dürfen gemäß der Kommissionsentscheidung 2009/251/EG nicht mehr in den Verkehr gebracht oder auf dem Markt bereitgestellt werden.

Der VDE-Zeichengenehmigungsausweis wird ausschließlich auf der ersten Seite unterzeichnet.

### **Approval to use the legally protected Mark of the VDE as shown on the first page:**

*Basis for the use are the general terms and conditions of the VDE Testing and Certification Institute ([www.vde.com\terms-institute](http://www.vde.com\terms-institute)). The right to use the mark is granted only to the mentioned company with the named places of manufacture and the listed products with the related type references. The place of manufacture shall be equipped in a way that a constant manufacturing of the certified construction is assured.*

*The approval is valid as long as the VDE specifications are in force, on which the certification is based on, unless it is withdrawn according to the VDE Testing and Certification Procedure (PM102E).*

*The validity period of a VDE-GS-Mark Approval may be prolonged on request. In case of changes in legal and / or normative requirements, the validity period of a VDE-GS-Mark Approval may be shortened.*

*Products containing the biocide dimethylfumarate (DMF) may not be marketed or made available on the EC market according to the Commission Decision 2009/251/EC.*

*The approval is solely signed on the first page.*

# VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Name und Sitz des Genehmigungs-Inhabers / Name and registered seat of the Certificate holder

Shantou High-New Technology, Dev. Zone Songtian Enterprise Co., Ltd., No. 9 Kejixi Road, Gaoxin District, 515041 SHANTOU CITY, Guangdong China

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40025748.

This supplement is only valid in conjunction with page 1 of the Certificate No. 40025748

Rubrik / Rubric

341

Ausweis-Nr. /  
Certificate No.

40025748

Anlage /  
Appendix  
200

Aktenzeichen / File ref.

5000368-4670-

0003/305940/TL3/BT

letzte Änderung / updated

2023-06-30

Datum / Date

2008-11-03

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

|                                                                                                                                |                                                                                                                        |               |                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Typ(en)<br>Type(s)                                                                                                             | CE Series                                                                                                              |               |                                                                                                                                         |
| Bemessungskapazität<br>Rated capacitance                                                                                       | 100pF; 150pF; 220pF; 330pF; 390pF; 470pF; 560pF; 680pF; 820pF; 1000pF; 1500pF; 2200pF; 3300pF; 4700pF; 6800pF; 10000pF |               |                                                                                                                                         |
| Bemessungsspannung<br>Rated voltage                                                                                            | X1:AC 440 V, 400V; Y2:AC300V, AC275V, AC250V                                                                           |               |                                                                                                                                         |
| Kondensatorklasse und -unterklasse<br>Capacitor class and subclass                                                             | X1; Y2                                                                                                                 |               |                                                                                                                                         |
| Grenzabweichung der Bemessungskapazität<br>Tolerance of rated capacitance                                                      | ± 10% (K) for Y5P, Y5U,<br>± 20% (M) for Y5U, Y5V                                                                      |               |                                                                                                                                         |
| Klimakategorie<br>Climatic category                                                                                            | 40/125/21                                                                                                              |               |                                                                                                                                         |
| Kategorie der passiven Entflammbarkeit<br>Passive flammability category                                                        | B                                                                                                                      |               |                                                                                                                                         |
| Keramikart<br>Type of ceramic                                                                                                  | Y5P;Y5U;Y5V                                                                                                            |               |                                                                                                                                         |
| Temperaturcharakteristik<br>Temperature characteristic                                                                         | Y5P (100 pF to 1000pF)<br>Y5U (680 pF to 10000 pF)<br>Y5V (1000 pF to 10000 pF)                                        |               |                                                                                                                                         |
| Genehmigung für Gleichspannungs-<br>anwendungen nach Anhang H<br>Approval for d.c. applications according to<br>Annex H        | <input checked="" type="checkbox"/>                                                                                    | ja<br>yes     | Bemessungsgleichspannung DC 1500 V<br>d.c. rated voltage                                                                                |
|                                                                                                                                | <input type="checkbox"/>                                                                                               | nein<br>no    |                                                                                                                                         |
| Genehmigung für Feuchtebeständigkeitsklasse<br>nach Anhang I<br>Approval for humidity robustness grade<br>according to Annex I | <input type="checkbox"/>                                                                                               | IA            | 21 Tage bei 40 °C / 93 % r.F. mit angelegter<br>Bemessungsspannung<br>21 days at 40 °C / 93 % r.h. with rated voltage applied           |
|                                                                                                                                | <input type="checkbox"/>                                                                                               | IB            | 168 Stunden bei 85 °C / 85 % r.F. mit angelegter<br>Bemessungsspannung<br>168 hours at 85 °C / 85 % r.h. with rated voltage applied     |
|                                                                                                                                | <input type="checkbox"/>                                                                                               | IIA           | 56 Tage bei 40 °C / 93 % r.F. mit angelegter<br>Bemessungsspannung<br>56 days at 40 °C / 93 % r.h. with rated voltage applied           |
|                                                                                                                                | <input type="checkbox"/>                                                                                               | IIB           | 500 Stunden bei 85 °C / 85 % r.F. mit angelegter<br>Bemessungsspannung<br>500 hours at 85 °C / 85 % r.h. with rated voltage applied     |
|                                                                                                                                | <input type="checkbox"/>                                                                                               | IIIA          | 56 Tage bei 60 °C / 93 % r.F. mit angelegter<br>Bemessungsspannung<br>56 days at 60 °C / 93 % r.h. with rated voltage applied           |
|                                                                                                                                | <input checked="" type="checkbox"/>                                                                                    | IIIB          | 1.000 Stunden bei 85 °C / 85 % r.F. mit angelegter<br>Bemessungsspannung<br>1.000 hours at 85 °C / 85 % r.h. with rated voltage applied |
|                                                                                                                                | <input type="checkbox"/>                                                                                               | keine<br>none |                                                                                                                                         |



VDE Prüf- und Zertifizierungsinstitut  
Zeichengenehmigung

Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*

Shantou High-New Technology, Dev. Zone Songtian Enterprise Co., Ltd., No. 9 Kejixi Road, Gaoxin District, 515041 SHANTOU CITY, Guangdong China

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40025748 .

*This supplement is only valid in conjunction with page 1 of the Certificate No. 40025748*

Rubrik / *Rubric*

341

Ausweis-Nr. /  
*Certificate No.*

40025748

Anlage /  
*Appendix*  
200

Aktenzeichen / *File ref.*

5000368-4670-  
0003/305940/TL3/BT

letzte Änderung / *updated*

2023-06-30

Datum / *Date*

2008-11-03

|                                                |                                                                    |
|------------------------------------------------|--------------------------------------------------------------------|
| Warenzeicheninhaber<br><i>Trademark holder</i> | Shantou High-New TechnologyDev. Zone Songtian Enterprise Co., Ltd. |
|------------------------------------------------|--------------------------------------------------------------------|



# Fixed Capacitors for Use in Electronic Equipment - Component

**COMPANY**

SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO LTD  
9 KEJIXI RD  
GAOXINQU  
SHANTOU, Guangdong Sheng 515000 China

E208107

Marking: Company name or trademark  ,  , and model designation.

Note: For additional marking information, refer to the [Guide Information Page](#).

*View model for additional information*

**Fixed capacitor**, Model(s): [CD](#), [CD](#), [CE](#), [CY](#), [DSY](#), [MKP](#), [MPK](#), [MPX](#), [MPY](#)

Last Updated on 2023-10-26

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2023 UL LLC."

# Fixed Capacitors for Use in Electronic Equipment Certified for Canada - Component

**COMPANY**

**SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO LTD**  
9 KEJIXI RD  
GAOXINQU  
SHANTOU, Guangdong Sheng 515000 China

E208107

Marking: Company name or trademark  ,  , model designation, and the Recognized Component Mark for Canada 

Note: For additional marking information, refer to the [Guide Information Page](#).

*View model for additional information*

**Fixed capacitor**, Model(s): [CD](#), [CD](#), [CE](#), [CY](#), [DSY](#), [MKP](#), [MPK](#), [MPX](#), [MPY](#)

Last Updated on 2023-10-26

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2023 UL LLC."

Model CD

File Number: E208107

COMPANY

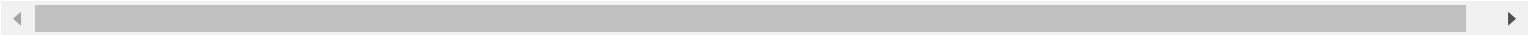
SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO LTD  
9 KEJIXI RD  
GAOXINQU  
SHANTOU, Guangdong Sheng 515000 China

MODEL INFO

CD  
Fixed capacitor

| CAPACITORS                       | VALUE |
|----------------------------------|-------|
| Fixed Capacitors (FOWX2) (FOWX8) | Yes   |

| GENERAL     |                   |                 |                                                                      |          |                   |               |                           |                        |                        |                              |
|-------------|-------------------|-----------------|----------------------------------------------------------------------|----------|-------------------|---------------|---------------------------|------------------------|------------------------|------------------------------|
| US Standard | Canadian Standard | Capacitor Class | Voltage (V)                                                          | AC or DC | Capacitance       | Tolerance (%) | Resistance for RC Devices | Lower Temperature (°C) | Upper Temperature (°C) | Additional Robustness Grades |
| --          | --                | X1/Y1           | X1: 250 / 400 / 500 Vac, 1500 Vdc, Y1: 250 / 400 / 500 Vac, 1500 Vdc | --       | 100pF-4700pF, 20% |               |                           | -40                    | 125                    | IIIB                         |



The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2023 UL LLC."

Model CD

File Number: E208107

COMPANY

SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO LTD  
9 KEJIXI RD  
GAOXINQU  
SHANTOU, Guangdong Sheng 515000 China

MODEL INFO

CD  
Fixed capacitor

| CAPACITORS                       | VALUE |
|----------------------------------|-------|
| Fixed Capacitors (FOWX2) (FOWX8) | Yes   |

| GENERAL     |                   |                 |                                      |          |                   |               |                           |                        |                        |                              |
|-------------|-------------------|-----------------|--------------------------------------|----------|-------------------|---------------|---------------------------|------------------------|------------------------|------------------------------|
| US Standard | Canadian Standard | Capacitor Class | Voltage (V)                          | AC or DC | Capacitance       | Tolerance (%) | Resistance for RC Devices | Lower Temperature (°C) | Upper Temperature (°C) | Additional Robustness Grades |
| --          | --                | X1/Y1           | X1: 400<br>Vac, Y1: 250 / 400<br>Vac | --       | 10 pF - 82pF, 10% |               |                           | -25                    | 125                    |                              |



The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2023 UL LLC."

# Model CE

File Number: E208107

COMPANY

SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO LTD  
9 KEJIXI RD  
GAOXINQU  
SHANTOU, Guangdong Sheng 515000 China

MODEL INFO

CE  
Fixed capacitor

| CAPACITORS                       | VALUE |
|----------------------------------|-------|
| Fixed Capacitors (FOWX2) (FOWX8) | Yes   |

| GENERAL                    |                          |                 |                |          |             |               |                           |                        |                        |                              |
|----------------------------|--------------------------|-----------------|----------------|----------|-------------|---------------|---------------------------|------------------------|------------------------|------------------------------|
| US Standard                | Canadian Standard        | Capacitor Class | Voltage (V)    | AC or DC | Capacitance | Tolerance (%) | Resistance for RC Devices | Lower Temperature (°C) | Upper Temperature (°C) | Additional Robustness Grades |
| ANSI/UL 60384-14 (2nd ed.) | CAN/CSA-E60384-14 (2014) | X1/Y2           | X1: 400/440    |          |             |               |                           |                        |                        |                              |
|                            |                          |                 | Vac, Y2:       |          |             |               |                           |                        |                        |                              |
|                            |                          |                 | 250/275/300 -- | 100pF-   | K(±10%),    |               | -40                       | 125                    | IIIB                   |                              |
|                            |                          |                 | Vac, 1500      | 10000pF  | M(±20%)     |               |                           |                        |                        |                              |
|                            |                          |                 | Vdc            |          |             |               |                           |                        |                        |                              |



The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2023 UL LLC."

접 수 번 호 : 20-016615-09-1  
(Receipt No.)



# 안 전 인 증 서

## Safety Certificate

안 전 인 증 번 호 : SU03031-19001A  
(Certificate No.)

제 조 업 자/수 입 업 자 명 : SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO.,LTD  
(Manufacturer/importer)

주 소 : Songtian science and technology park, Free trade zone, Shantou, City, Guangdong, China  
(Address)

제 품 명 : Y커패시터  
(Product) (Y Capacitor)

기 본 모 델 명 : CD Y1 4700pF  
(Basic Model)

파 생 모 델 명 : See the attachment 2  
(Series Model)

정격/안전기준상의 모델구분 : Y1, AC 250 V, 4 700 pF, 25/125/21/B  
(Rating)

시 험 기 준 : KC60384-1(2015-09), KC60384-14(2015-09)  
(Standard)

본 인증서는 제 조 국 명 : 중국  
제 조 업 자 명 : SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO., LTD  
제조공장의 주소 : Songtian science and technology park, Free trade zone, Shantou, City, Guangdong, China  
의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」 제9조제2항, 제4항, 제10조제2항 또는 제15조제2항에 따라 안전인증서를 발급합니다.

We Issue This Safety Certificate for the above appliances in accordance with the Article 9(2),9(4),10(2) or 15(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.

2020 년 04 월 10 일  
Year month day

한국산업기술시험원장  
KOREA TESTING LABORATORY



※ 이 인증서는 「전기용품 및 생활용품 안전관리법 시행규칙」에 따른 제품의 안전성 확인에 한정된 것이며, 그 밖의 다른 법률이 적용되는 제품의 경우에는 해당 법률에 따라 추가로 인증·허가 등을 받아야 합니다.

첨부서류

1. 전기용품의 안전관리부품 및 재질목록(List of Critical Components)
2. 기본모델·파생모델의 내용 (Descriptions of the basic and series model)
3. 안전인증의 변경 현황 (Revisions Status)

□ 첨부 2 : 기본모델 · 파생모델의 내용  
Description of the basic and series model

| 파생모델명<br>Derivative model                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 기본모델과의 차이점<br>Differences between the basic and derivative model(s) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| CD Y1 100 pF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Difference in capacitance                                           |
| CD Y1 150 pF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Difference in capacitance                                           |
| CD Y1 220 pF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Difference in capacitance                                           |
| CD Y1 330 pF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Difference in capacitance                                           |
| CD Y1 470 pF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Difference in capacitance                                           |
| CD Y1 680 pF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Difference in capacitance                                           |
| CD Y1 1000 pF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Difference in capacitance                                           |
| CD Y1 1500 pF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Difference in capacitance                                           |
| CD Y1 2200 pF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Difference in capacitance                                           |
| CD Y1 3300 pF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Difference in capacitance                                           |
| 제품특기사항 및 시험조건<br>Remarks & Test conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |
| <p>1. Review Report No. : 19-005222-10-2 (2019.02.18.)</p> <p>2. Product Description</p> <ul style="list-style-type: none"> <li>- Y1, AC 250 V, 4 700 pF, 25/125/21/B</li> <li>- Tolerance : K(<math>\pm 10\%</math>), M(<math>\pm 20\%</math>)</li> <li>- Ceramic : Y5P, Y5V</li> </ul> <p>* Factory information</p> <ul style="list-style-type: none"> <li>-Factory 1 : Shantou High-New Technology Development Zone Songtian Enterprise Co., Ltd<br/>Address : No.9, Kejixi Road, Gaoxinqu, Shantou, Guangdong, China</li> <li>-Factory 2 : SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO.,LTD .<br/>Address :Songtian science and technology park, Free trade zone, Shantou, City,<br/>Guangdong, China</li> </ul> <p>□ 본 제품의 검토내용에 관하여 의문사항이 있으시면 아래 연락처로 문의하시기 바랍니다.<br/>검토 담당자 / 연락처 : BK 전략본부 인증관리센터 신 종욱 / 02-8601-1437</p> <p>□ If you have any question on product review, please contact the person below :<br/>Job holder: BK Strategy Division, Certification Management Center, J.U.Shin / +82 2 860-1437</p> |                                                                     |

FP511-05

□ 첨부 3 : 안전인증의 변경 현황  
Revisions Status

| 변경발급 내용<br>Contents of Certificate Revisions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1<sup>st</sup> Rev.) Deletion of a multiple Factory and Change of manufacturer name, president, address<br/>(20-016615-09-1 : 2020.04.10.)</p> <p>- Deletion Factory name : SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY<br/>CO.,LTD</p> <p>Address : Songtian science and technology park,Free trade zone,Shantou,City,<br/>Guangdong,Chin</p> <p>- manufacturer Before : Shantou High-New Technology Development Zone Songtian<br/>Enterprise Co., Ltd / Mr.Lin Rong</p> <p>No.9, Kejixi Road, Gaoxinqu, Shantou, Guandong, China</p> <p>After : SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY<br/>CO., LTD / Huang Rui nan</p> <p>Songtian science and technology park, Free trade zone, Shantou, City,<br/>Guangdong, China</p> |

FP511-06

접 수 번 호 : 20-016615-02-1  
(Receipt No.)



# 안 전 인 증 서

## Safety Certificate

안 전 인 증 번 호 : SU03031-7001B  
(Certificate No.)

제 조 업 자/수 입 업 자 명 : SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO.,LTD  
(Manufacturer/importer)

주 소 : Songtian science and technology park, Free trade zone, Shantou, City, Guangdong, China  
(Address)

제 품 명 : Y캐패시터  
(Product) (Y-Capacitor)

기 본 모 델 명 : CE  
(Basic Model)

파 생 모 델 명 : Not Applicable  
(Series Model)

정격/안전기준상의 모델구분 : 250Vac, Y2, 25/125/21, 100~10000pF  
(Rating)

시 험 기 준 : K60384-14(2006-12)  
(Standard)

본 인증서는 제 조 국 명 : 중국  
제 조 업 자 명 : SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO., LTD  
제조공장의 주소 : Songtian science and technology park, Free trade zone, Shantou, City, Guangdong, China  
의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」 제9조제2항, 제4항, 제10조제2항 또는 제15조제2항에 따라 안전인증서를 발급합니다.

We Issue This Safety Certificate for the above appliances in accordance with the Article 9(2), 9(4), 10(2) or 15(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.

2020 년 04 월 09 일  
Year month day

한국산업기술시험원장  
KOREA TESTING LABORATORY



※ 이 인증서는 「전기용품 및 생활용품 안전관리법 시행규칙」에 따른 제품의 안전성 확인에 한정된 것이며, 그 밖의 다른 법률이 적용되는 제품의 경우에는 해당 법률에 따라 추가로 인증·허가 등을 받아야 합니다.

첨부서류

1. 전기용품의 안전관리부품 및 재질목록(List of Critical Components)
2. 기본모델·파생모델의 내용 (Descriptions of the basic and series model)
3. 안전인증의 변경 현황 (Revisions Status)

☐ 첨부 2 : 기본모델 · 파생모델의 내용  
Description of the basic and series model

| 파생모델명<br>Derivative model                                                                                                                                                                                                                                                                                                                           | 기본모델과의 차이점<br>Differences between the basic and derivative model(s) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| Not Applicable                                                                                                                                                                                                                                                                                                                                      |                                                                     |
| 제품특기사항 및 시험조건<br>Remarks & Test conditions                                                                                                                                                                                                                                                                                                          |                                                                     |
| <p>1. Test Report Ref. No.: 07-1920-1644 (2007.08.21.)</p> <p>2. Product Description</p> <ul style="list-style-type: none"> <li>- Y Capacitor</li> <li>- 250Vac, Y2, 25/125/21, 100~10000pF</li> </ul>                                                                                                                                              |                                                                     |
| <p><input type="checkbox"/> 본 제품의 검토내용에 관하여 의문사항이 있으시면 아래 연락처로 문의하시기 바랍니다.<br/>검토 담당자 / 연락처 : BK 전략본부 인증관리센터 신 종욱 / 02-8601-1437</p> <p><input type="checkbox"/> If you have any question on product review, please contact the person below :<br/>Job holder: BK Strategy Division, Certification Management Center, J.U.Shin / +82 2 860-1437</p> |                                                                     |

FP511-05

☐ 첨부 3 : 안전인증의 변경 현황  
Revisions Status

| 변경발급 내용<br>Contents of Certificate Revisions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1<sup>st</sup> Rev.) Addition of factory (19-005222-01-1 : 2019.03.28.)</p> <p>- Factory name : SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO.,LTD<br/>Address : Songtian science and technology park,Free trade zone,Shantou,City,Guangdong,China</p> <p>2<sup>nd</sup> Rev.) Deletion of a multiple Factory and Change of manufacturer name, president, address<br/>(20-016615-02-1 : 2020.04.09.)</p> <p>- Deletion Factory name : SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO.,LTD<br/>Address : Songtian science and technology park,Free trade zone,Shantou,City,Guangdong,Chin</p> <p>- manufacturer Before : Shantou High-New Technology Development Zone Songtian Enterprise Co., Ltd / Mr.Lin Rong<br/>No.9, Kejixi Road, Gaoxinqu, Shantou, Guandong, China</p> <p>After : SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO., LTD / Huang Rui nan<br/>Songtian science and technology park, Free trade zone, Shantou, City, Guangdong, China</p> |

FP511-06

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

CB TEST CERTIFICATE

Product

Fixed capacitor for electromagnetic interference suppression and connection to the supply mains

Name and address of the applicant

Shantou High-New Technology Dev. Zone Songtian Enterprise Co., Ltd.

No. 9 Kejixi Road, Gaoxin District, 515041 SHANTOU CITY, Guangdong, CHINA

Name and address of the manufacturer

Shantou High-New Technology Dev. Zone Songtian Enterprise Co., Ltd.

No. 9 Kejixi Road, Gaoxin District, 515041 SHANTOU CITY, Guangdong, CHINA

Name and address of the factory

SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO.,LTD.

Songtian science and technology; park, Free trade zone; 515071 Shantou; Guangdong

CHINA

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

☐ Additional Information on page 2

Ratings and principal characteristics

100pF to 4700pF; AC 250 V; AC 400 V, AC 500 V; X1; Y1 40/125/21/B ; Annex IIIB for Y5P; Y5U; Y5V; Annex H Y5P; Y5U; Y5V

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

CD-Series

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

Y5P (100 pF to 1000pF)  $\pm 10\%$  (K) ; Y5U (330 pF to 680 pF)  $\pm 10\%$  (K);

Y5U (1000 pF to 4700 pF)  $\pm 20\%$  (M); Y5V (1000 pF to 4700 pF)  $\pm 20\%$  (M)

☒ Additional Information on page 2

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

IEC 60384-14:2013

IEC 60384-14:2013/AMD1:2016

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

286506-TL3-1

This CB Test Certificate is issued by the National Certification Body

VDE Prüf- und Zertifizierungsinstitut GmbH

VDE Testing and Certification Institute

Zertifizierungsstelle und internat. Angelegenheiten

Certification Body and internat. Affairs

Date: 2021-08-16

Signature:

M. Tasotti

|  |  |
|--|--|
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**Additional information (if necessary)**

Reason for issuing M1: The certificate was issued to add the ANNEX H with a rated voltage of DC 1500 V for ceramic Y5V into the CB-Certificate DE1-64371/B1/A1 and DE1-64371/B2/A1.

Original date of issue: 2020-12-15

**VDE** Prüf- und Zertifizierungsinstitut GmbH  
**VDE** Testing and Certification Institute  
Zertifizierungsstelle und internat. Angelegenheiten  
Certification Body and internat. Affairs

Date: 2021-08-16

Signature:



M. Tasotti

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

## CB TEST CERTIFICATE

Product

Fixed capacitor for electromagnetic interference suppression  
and connection to the supply mains

Name and address of the applicant

Shantou High-New Technology Dev. Zone Songtian Enterprise  
Co., Ltd.

No. 9 Kejixi Road, Gaoxin District, 515041 SHANTOU CITY,  
Guangdong, CHINA

Name and address of the manufacturer

Shantou High-New Technology Dev. Zone Songtian Enterprise  
Co., Ltd.

No. 9 Kejixi Road, Gaoxin District, 515041 SHANTOU CITY,  
Guangdong, CHINA

Name and address of the factory

SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC  
TECHNOLOGY CO.,LTD.

Songtian science and technology; park, Free trade zone;  
515071 Shantou; Guangdong  
CHINA

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

☐ Additional Information on page 2

Ratings and principal characteristics

100 pF to 10000 pF; X1Y2;  $\pm 10\%$  (K) for Y5P and Y5U,  
see page 2

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

CE Series

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

☒ Additional Information on page 2

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

IEC 60384-14:2013  
IEC 60384-14:2013/AMD1:2016

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

305940-TL3-1, 305940-TL3-2, 305940-TL3-3

This CB Test Certificate is issued by the National Certification Body

**VDE** Prüf- und Zertifizierungsinstitut GmbH

**VDE** Testing and Certification Institute

Zertifizierungsstelle und internat. Angelegenheiten

Certification Body and internat. Affairs

Date: 2023-08-09

Signature:



M. Tasotti

|  |  |
|--|--|
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

#### Additional information (if necessary)

Ratings and principal characteristics:

± 20% (M) for Y5U and Y5V; X1:AC 400/440 V,  
Y2:AC 250/275/300 V; 40/125/21/B; Annex H: DC1500 V, Annex I: IIIB; ceramic: Y5P, Y5U, Y5V

Remark : The voltage proof Test A was performed at the increased test voltage AC 2600 V .

**VDE** Prüf- und Zertifizierungsinstitut GmbH  
**VDE** Testing and Certification Institute  
 Zertifizierungsstelle und internat. Angelegenheiten  
 Certification Body and internat. Affairs

Date: 2023-08-09

Signature:



M. Tasotti