



安规陶瓷电容器国际认证证书

CERTIFICATE OF RECOGNIZED CERAMIC
CAPACITOR (CD/CE系列)

(2026年 3 月版本)

广东松田电子实业股份有限公司

GUANGDONG SONGTIAN ELECTRONIC INDUSTRIAL 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 IEC60384-14:2013+AMD 1:2016 | CQC19001213616 | CQC19001213202 |
| 2 | 德国 |  | VDE | En 60384-14:2017-04 | 40025754 | 40025748 |
| 3 | 欧盟 |  | ENEC | En 60384-14: 2017-04 | 40025754 | 40025748 |
| 4 | 韩国 |  | KTL | K60384-14 (2015) | SU03031-25001B | SU03031-7001C |
| 5 | 美国/加拿大 |  | UL/CUL | UL60384-14 | E208107 | E208107 |
| 6 | 国际电工委员会 | CB | IEC-CB | IEC 60384-14 | DE1-64371/B2/A 1/M1 | DE1-67721/B2 |



产品认证证书

证书编号: CQC19001213616

发证日期: 2026年01月30日
有效期至: 2031年01月29日

委托人名称 广东松田电子实业股份有限公司
及注册地址 汕头保税区松田科技园东区、松田科技园西区

制造商名称 广东松田电子实业股份有限公司
及注册地址 汕头保税区松田科技园东区、松田科技园西区

生产企业名称 广东松田电子实业股份有限公司
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; 电容量范围: 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 产品检测+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
证书有效期内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
CHINA QUALITY CERTIFICATION CENTRE



产品认证证书

证书编号: CQC19001213202

发证日期: 2026年01月30日
有效期至: 2031年01月29日

委托人名称 广东松田电子实业股份有限公司
及注册地址 汕头保税区松田科技园东区、松田科技园西区

制造商名称 广东松田电子实业股份有限公司
及注册地址 汕头保税区松田科技园东区、松田科技园西区

生产企业名称 广东松田电子实业股份有限公司
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 :±10% ,
M :±20% ,阻燃性级别 :B ;气候类别 :40/125/21;Annex H:1500VDC for Y5P,Y5U,Y5V;Annex I:III B
for Y5P,Y5U,Y5V

产品标准和技术要求 GB/T 6346.14-2023

认证模式 型式试验+初始工厂检查+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
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签发: 谢肇煦



中国质量认证中心
CHINA QUALITY CERTIFICATION CENTRE

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



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)

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:

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<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. / Beiblatt /
Certificate No. Supplement
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 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

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

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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). 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). 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) Type(s) | CD-Series | | | |
| Bemessungskapazität 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 Rated voltage | 1) For SL: AC 250 / 400V 2) For Y5P, Y5U, Y5V: AC 250 / 400 / 500 V | | | |
| Kondensatorklasse und -unterklasse Capacitor class and subclass | X1; Y1 | | | |
| Grenzabweichung der Bemessungskapazität Tolerance of rated capacitance | 1) $\pm 10\%$ (K) for SL, Y5P, Y5U 2) $\pm 20\%$ (M) for Y5U, Y5V | | | |
| Klimakategorie Climatic category | 1) 25/125/21 only for SL 2) 40/125/21 only for Y5P, Y5U, Y5V 3) Annex IIIB only for Y5P, Y5U, Y5V | | | |
| Kategorie der passiven Entflammbarkeit Passive flammability category | 1) C for SL 2) B for Y5P, Y5U, Y5V | | | |
| Keramikart Type of ceramic | SL, Y5P, Y5U, Y5V | | | |
| Temperaturcharakteristik Temperature characteristic | SL (10 pF to 82 pF) $\pm 10\%$ (K) 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) | | | |
| Genehmigung für Gleichspannungs-anwendungen nach Anhang H Approval for d.c. applications according to Annex H | <input checked="" type="checkbox"/> | ja yes | Bemessungsgleichspannung d.c. rated voltage | DC 1500 V Only for Y5P, Y5U, Y5V |
| | <input type="checkbox"/> | nein no | | |
| Genehmigung für Feuchtebeständigkeitsklasse nach Anhang I Approval for humidity robustness grade according to Annex I | <input type="checkbox"/> | IA | 21 Tage bei 40 °C / 93 % r.F. mit angelegter Bemessungsspannung 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 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 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 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 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 <i>1.000 hours at 85 °C / 85 % r.h. with rated voltage applied</i> |
| | <input type="checkbox"/> | keine <i>none</i> | |
| Warenzeicheninhaber <i>Trademark holder</i> | 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

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<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.*

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

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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

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

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515041 SHANTOU CITY, Guangdong, CHINA

Aktenzeichen / *File ref.*

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2023-08-09

Datum / *Date*

2008-11-03

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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:

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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

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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) Type(s) | CE Series | |
| Bemessungskapazität Rated capacitance | 100pF; 150pF; 220pF; 330pF; 390pF; 470pF; 560pF; 680pF; 820pF; 1000pF; 1500pF; 2200pF; 3300pF; 4700pF; 6800pF; 10000pF | |
| Bemessungsspannung Rated voltage | X1:AC 440 V, 400V; Y2:AC300V, AC275V, AC250V | |
| Kondensatorklasse und -unterklasse Capacitor class and subclass | X1; Y2 | |
| Grenzabweichung der Bemessungskapazität Tolerance of rated capacitance | ± 10% (K) for Y5P, Y5U, ± 20% (M) for Y5U, Y5V | |
| Klimakategorie Climatic category | 40/125/21 | |
| Kategorie der passiven Entflammbarkeit Passive flammability category | B | |
| Keramikart Type of ceramic | Y5P;Y5U;Y5V | |
| Temperaturcharakteristik Temperature characteristic | Y5P (100 pF to 1000pF) Y5U (680 pF to 10000 pF) Y5V (1000 pF to 10000 pF) | |
| Genehmigung für Gleichspannungs- anwendungen nach Anhang H Approval for d.c. applications according to Annex H | <input checked="" type="checkbox"/> | ja Bemessungsgleichspannung DC 1500 V yes d.c. rated voltage |
| | <input type="checkbox"/> | nein no |
| Genehmigung für Feuchtebeständigkeitsklasse nach Anhang I Approval for humidity robustness grade according to Annex I | <input type="checkbox"/> | IA 21 Tage bei 40 °C / 93 % r.F. mit angelegter Bemessungsspannung 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 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 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 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 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 Bemessungsspannung 1.000 hours at 85 °C / 85 % r.h. with rated voltage applied |
| | <input type="checkbox"/> | keine 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*

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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
Trademark holder

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



Fixed Capacitors for Use in Electronic Equipment – Component

E208107

COMPANY**Guangdong Songtian Electronic Industrial Co.,Ltd.**

Songtian Science and Technology Park

Free Trade Zone

Shantou, Guangdong 515071 China

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 2026-01-13

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

COMPANY**E208107****Guangdong Songtian Electronic Industrial Co.,Ltd.**

Songtian Science and Technology Park

Free Trade Zone

Shantou, Guangdong 515071 China

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 2026-01-13

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.

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Model CD

File Number: E208107

COMPANY

Guangdong Songtian Electronic Industrial Co.,Ltd.
 Songtian Science and Technology Park
 Free Trade Zone
 Shantou, Guangdong 515071 China

MODEL INFO

CD
 Fixed capacitor

GENERAL

| US Standard | Canadian Standard | Capacitor Class | Voltage (v) | AC or DC | Capacitance | Tolerance (%) | Resistance for RC Devices (k ohms) | 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 |

Report Date: 2013-04-26
 Revision Date: 2026-01-13

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Model CD

File Number: E208107

COMPANY

Guangdong Songtian Electronic Industrial Co.,Ltd.

Songtian Science and Technology Park

Free Trade Zone

Shantou, Guangdong 515071 China

MODEL INFO

CD

Fixed capacitor

GENERAL

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

Report Date: 2016-07-15
Revision Date: 2026-01-13

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Model CE

File Number: E208107

COMPANY

Guangdong Songtian Electronic Industrial Co.,Ltd.
 Songtian Science and Technology Park
 Free Trade Zone
 Shantou, Guangdong 515071 China

MODEL INFO

CE
 Fixed capacitor

GENERAL

| US Standard | Canadian Standard | Capacitor Class | Voltage (v) | AC or DC | Capacitance | Tolerance (%) | Resistance for RC Devices (k ohms) | 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 Vac, 1500 Vdc | -- | 100pF-10000pF | K(±10%), M(±20%) | | -40 | 125 | IIIB |

Report Date: 2013-04-27
 Revision Date: 2026-01-13

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접 수 번 호 : 26-001314-10-1
(Receipt No.)



안전인증서

Safety Certificate

안전인증번호 : SU03031-25001B
(Certificate No.)

제조업자/수입업자명 : Guangdong Songtian Electronic Industrial Co.,Ltd.
(Manufacturer/importer)

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

제품명 : Y 커패시터(Y Capacitor)
(Product)

기본모델명 : CD Y5V 4700pF
(Basic Model)

파생모델명 : See the attachment 2
(Series Model)

정격/안전기준상의 모델구분 : AC 250 V, 4700 pF, Y1, 40/125/21/B
(Rating)

시험기준 : KC60384-1(2015-09), KC60384-14(2015-09)
(Standard)

본 인증서는 제조국명 : 중국
 제조업자명 : Guangdong Songtian Electronic Industrial Co.,Ltd.
 제조공장의 주소 : Songtian science and technology park, Free trade zone, S hantou, 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.

2026 년 01 월 15 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) |
|------|---|

안전인증 및 안전확인을 받은 자의 유의사항

Notification for recipient(license holder) of Safety Certification and Confirmation Letter of Declaration

1. 본 인증서 또는 신고증명서는 기재된 제조공장에서 생산된 제품으로서 적용된 안전기준에 적합한 경우에 한하여 유효합니다. (This certificate or confirmation letter of declaration is valid only when the product meets the applied safety standard(s) and is manufactured from the manufacturing factory that appears on this certificate.)
2. 안전인증 또는 안전확인 마크는 본래의 의미와 다르게 사용자가 오해를 일으킬 수 있는 방법으로 광고, 카탈로그 등에 사용하면 인증정지 또는 취소의 사유가 됩니다. (Termination or cancellation of the certification may occur if the actual meaning of this safety certification mark (KC-mark) or Confirmation Letter of Declaration mark(KC-mark) is misled to the public by advertisement on an overstated catalog of the product.)
3. 다음과 같은 사유가 발생할 경우에는 사유가 발생한 날로부터 15일 이내에 안전인증기관에 안전인증 또는 안전확인 변경 신청을 하여 안전인증서 또는 안전확인신고 증명서를 재교부 받아야 합니다. (In case of the following events, this safety certificate or Confirmation Letter of Declaration shall be reapplied within 15 days from the events and reissued for revision.)
 - 1) 제조업자, 수입업자, 주소 등 인증서 기재내용의 변경 (Revision in contents of the certificate such as factory name, importer, factory address, etc)
 - 2) 파생모델의 추가, 변경 또는 삭제 (Adds, changes, or removals of derivative(minor series) model)
 - 3) 안전관리부품의 변경 또는 추가 (Adds or changes in critical components list)
 - 4) 인증서 또는 신고증명서의 분실 또는 훼손 (Losses or damages to this certificate or confirmation letter of declaration)
4. 안전인증 또는 안전확인을 받은 자는 다음 사항을 이행하여야 합니다. (The recipient(license holder) of safety certificate(KC-mark) or confirmation letter of declaration shall comply with the followings.)
 - 1) 안전인증표시 등 인증요건의 유지 관리 (Maintaining and managing the marking of safety certification and other certification requirements)
 - ※ 안전인증을 받기 이전 또는 정지, 취소된 이후 생산된 제품에 안전 표시를 하면 법에 의거 처벌을 받게 됨 (It will be punished by the Act if the certification mark is used before the issue(or after suspension or cancellation) of the certification)
 - 2) 자체검사의 실시 및 그 기록관리 (Self Product Verification and record keeping)
 - ※ 안전인증을 받은 자는 제품검사를 철저히 실시하여 제품의 품질이 안전기준에 미달되지 않도록 유의 (Recipients(license holder) of the safety certification (KC-mark) shall conduct products inspection strictly for products to comply with the safety standard.)
5. 안전인증을 받은 자는 전기용품 및 생활용품 안전관리법 제7조 1항 및 동법 시행령 제9조에 의거 2년에 1회 정기검사를 받아야 합니다. (Recipients(license holder) of the safety certification (KC-mark) shall receive routine(regular) factory inspection once every two years according to the Electrical Appliances and Consumer products Safety Control Act article 7(1) and article 9 of Enforcement decree of the same Act.)

(연락처: 인증융합센터, Tel 055-791-3400, 3401)
(Contact point: Certification Evaluation Center Tel: +82 55 791 3400, 3401)

첨부 1 : 전기용품의 안전관리부품 및 재질목록
List of Critical Components

| 부품명(회로기호) Component(Part no.) | 제조사(상표명) Manufacturer(Brand) | 모델명(형식) Model(Type) | 정격 또는 특성 Rating or Characteristics | 인증마크 Tested by |
|----------------------------------|--|------------------------|---------------------------------------|-------------------|
| Dielectric | Xiamen Samsen Electronics Co., Ltd | Y5V, Y5U, Y5P | Ceramic | - |
| Alt. Dielectric | Xiamen Sunyear Electronics Co., Ltd | Y5V, Y5U, Y5P | Ceramic | - |
| Coating | Xianyang Weihua Insulation Material Co.,Ltd. | HXF-260 or HXF-260 | Epoxy | - |
| Alt. Coating | Tianjin Kaihua Insulation Material Co Ltd | EF-150 or EF-150(K) | Epoxy | - |
| Electrode | Shanxi Caihong New Material Co., Ltd. | - | Ag | - |
| Alt. Electrode | Nanjing Oumeida Applied Materials Technology Co.,Ltd | - | Cu | - |
| Lead wire | Wuhu Hengtai Electronics Material Co., Ltd | - | Tin copper clad steel wire | - |
| Alt. Lead wire | Ganzhou Nanyangxing Metal Wire Co., Ltd. | - | Tin copper clad steel wire | - |

유의사항 (Attention) :

1. 안전관리부품은 전기적인 안전에 직접적인 영향을 주는 부품으로서 안전인증기관이 정기공장검사 시 확인 관리 하는 사항입니다. 따라서 상기목록에 기재된 사항을 변경하거나 또는 복수등재를 원하시는 경우는 안전인증기관에 인증변경신청을 하여야 합니다.

As the "Critical components" are parts in directly related with safety, these components shall be checked during a factory inspection by the certification body. In case of applying multiple listing or changing the items above, the certification revision shall be applied.

2. 인증변경신청 없이 임의로 변경하는 경우는, 전기용품 및 생활용품 안전관리법 시행규칙 제 21 조제 1 항 또는 제 38 조제 1 항 규정에 의한 안전인증 취소 혹은 안전확인신고 효력상실 사유가 됨을 유의하시기 바랍니다.

The Safety Certification will be cancelled under the Article 21(1), 38(1) of the Enforcement Rule of the Electrical appliances and Consumer Products Safety Control Act if the contents of the Certification is altered without our authorization.

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

| 파생모델명 Derivative model | 기본모델과의 차이점 Differences between the basic and derivative model(s) |
|---------------------------|---|
| CD Y5V 3300pF | Capacitance is different.(3300 pF) |
| CD Y5V 2200pF | Capacitance is different.(2200 pF) |
| CD Y5V 1500pF | Capacitance is different.(1500 pF) |
| CD Y5V 1000pF | Capacitance is different.(1000 pF) |
| CD Y5U 4700pF | Only model name is different. |
| CD Y5U 3300pF | Capacitance is different.(3300 pF) |
| CD Y5U 2200pF | Capacitance is different.(2200 pF) |
| CD Y5U 1500pF | Capacitance is different.(1500 pF) |
| CD Y5U 1000pF | Capacitance is different.(1000 pF) |
| CD Y5U 680pF | Capacitance is different.(680 pF) |
| CD Y5U 560pF | Capacitance is different.(560 pF) |
| CD Y5U 470pF | Capacitance is different.(470 pF) |
| CD Y5U 330pF | Capacitance is different.(330 pF) |
| CD Y5P 1000pF | Capacitance(1000 pF) and tolerance are different.(K(± 10 %)) |
| CD Y5P 680pF | Capacitance(680 pF) and tolerance are different.(K(± 10 %)) |
| CD Y5P 560pF | Capacitance(560 pF) and tolerance are different.(K(± 10 %)) |
| CD Y5P 470pF | Capacitance(470 pF) and tolerance are different.(K(± 10 %)) |
| CD Y5P 330pF | Capacitance(330 pF) and tolerance are different.(K(± 10 %)) |
| CD Y5P 220pF | Capacitance(220 pF) and tolerance are different.(K(± 10 %)) |
| CD Y5P 150pF | Capacitance(150 pF) and tolerance are different.(K(± 10 %)) |
| CD Y5P 100pF | Capacitance(100 pF) and tolerance are different.(K(± 10 %)) |
| CD SL 82pF | Capacitance(82 pF) and tolerance are different.(K(± 10 %)) |
| CD SL 68pF | Capacitance(68 pF) and tolerance are different.(K(± 10 %)) |
| CD SL 56pF | Capacitance(56 pF) and tolerance are different.(K(± 10 %)) |
| CD SL 47pF | Capacitance(47 pF) and tolerance are different.(K(± 10 %)) |
| CD SL 39pF | Capacitance(39 pF) and tolerance are different.(K(± 10 %)) |

| 파생모델명 Derivative model | 기본모델과의 차이점 Differences between the basic and derivative model(s) |
|---------------------------|---|
| CD SL 33pF | Capacitance(33 pF) and tolerance are different.(K(± 10 %)) |
| CD SL 30pF | Capacitance(30 pF) and tolerance are different.(K(± 10 %)) |
| CD SL 27pF | Capacitance(27 pF) and tolerance are different.(K(± 10 %)) |
| CD SL 22pF | Capacitance(22 pF) and tolerance are different.(K(± 10 %)) |
| CD SL 20pF | Capacitance(20 pF) and tolerance are different.(K(± 10 %)) |
| CD SL 18pF | Capacitance(18 pF) and tolerance are different.(K(± 10 %)) |
| CD SL 15pF | Capacitance(15 pF) and tolerance are different.(K(± 10 %)) |
| CD SL 12pF | Capacitance(12 pF) and tolerance are different.(K(± 10 %)) |
| CD SL 10pF | Capacitance(10 pF) and tolerance are different.(K(± 10 %)) |

| 제품특기사항 및 시험조건 Remarks & Test conditions |
|--|
| <p>1. Review Report No. : 25-017632-01-2</p> <p>2. Product Description</p> <ul style="list-style-type: none"> - Y1, AC 250 V, 4700 pF, 40/125/21/B, M(±20 %) - Ceramic Dielectric |
| <p><input type="checkbox"/> 본 제품의 시험내용에 관하여 의문사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 시험 담당자 / 연락처: 미래융합기술본부 스마트그린기술센터 박 기범 / 055-791-3437</p> <p><input type="checkbox"/> <i>If you have any question on product testing, please contact the person below:</i> <i>Job holder: Future Integrated Technology Division, Smart Green Technology Center, G. B. Park / +82 55 791-3437</i></p> |

FP511-05-01

첨부 3 : 안전인증의 변경 현황
Revisions Status

| 변경발급 내용 Contents of Certificate Revisions |
|---|
| <p>1st Rev.) Addition of derivative models (25-023031-01-1 : 2025.06.18.)</p> <p style="padding-left: 40px;">: “CD SL 82pF”, “CD SL 68pF”, “CD SL 56pF”, “CD SL 47pF”, “CD SL 39pF”, “CD SL 33pF”, “CD SL 30pF”, “CD SL 27pF”, “CD SL 22pF”, “CD SL 20pF”, “CD SL 18pF”, “CD SL 15pF”, “CD SL 12pF”, “CD SL 10pF”</p> <p>2nd Rev.) Change of manufacturer name (26-001314-10-1 : 2026.01.15.)</p> <ul style="list-style-type: none"> - Before : SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO., LTD After : Guangdong Songtian Electronic Industrial Co.,Ltd. |

FP511-06-01

접 수 번 호 : 26-001314-01-1
(Receipt No.)



안전인증서

Safety Certificate

안전인증번호 : SU03031-7001C
(Certificate No.)

제조업자/수입업자명 : Guangdong Songtian Electronic Industrial Co.,Ltd.
(Manufacturer/importer)

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

제품명 : Y캐패시터
(Product) (Y-Capacitor)

기본모델명 : CE
(Basic Model)

파생모델명 : Not Applicable
(Series Model)

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

시험기준 : K60384-14(2006-12)
(Standard)

본 인증서는 제조국명 : 중국
제조업자명 : Guangdong Songtian Electronic Industrial Co.,Ltd.
제조공장의 주소 : Songtian science and technology park, Free trade zone, S hantou, 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.

2026 년 01 월 15 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)

안전인증 및 안전확인을 받은 자의 유의사항

Notification for recipient(license holder) of Safety Certification and Confirmation Letter of Declaration

1. 본 인증서 또는 신고증명서는 기재된 제조공장에서 생산된 제품으로서 적용된 안전기준에 적합한 경우에 한하여 유효합니다. (This certificate or confirmation letter of declaration is valid only when the product meets the applied safety standard(s) and is manufactured from the manufacturing factory that appears on this certificate.)
2. 안전인증 또는 안전확인 마크는 본래의 의미와 다르게 사용자가 오해를 일으킬 수 있는 방법으로 광고, 카탈로그 등에 사용하면 인증정지 또는 취소의 사유가 됩니다. (Termination or cancellation of the certification may occur if the actual meaning of this safety certification mark (KC-mark) or Confirmation Letter of Declaration mark(KC-mark) is misled to the public by false advertisement on an overstated catalog of the product.)
3. 다음과 같은 사유가 발생할 경우에는 사유가 발생한 날로부터 15일 이내에 안전인증기관에 안전인증 또는 안전확인 변경 신청을 하여 안전인증서 또는 안전확인신고 증명서를 재교부 받아야 합니다. (In case of the following events, this safety certificate or Confirmation Letter of Declaration shall be reapplied within 15 days from the events and reissued for revision.)
 - 1) 제조업자, 수입업자, 주소 등 인증서 기재내용의 변경 (Revision in contents of the certificate such as factory name, importer, factory address, etc)
 - 2) 파생모델의 추가, 변경 또는 삭제 (Adds, changes, or removals of derivative(minor series) model)
 - 3) 안전관리부품의 변경 또는 추가 (Adds or changes in critical components list)
 - 4) 인증서 또는 신고증명서의 분실 또는 훼손 (Losses or damages to this certificate or confirmation letter of declaration)
4. 안전인증 또는 안전확인을 받은 자는 다음 사항을 이행하여야 합니다. (The recipient(license holder) of safety certificate(KC-mark) or confirmation letter of declaration shall comply with the followings.)
 - 1) 안전인증표시 등 인증요건의 유지 관리 (Maintaining and managing the marking of safety certification and other certification requirements)
 - ※ 안전인증을 받기 이전 또는 정지, 취소된 이후 생산된 제품에 안전 표시를 하면 법에 의거 처벌을 받게 됨 (It will be punished by the Act if the certification mark is used before the issue(or after suspension or cancellation) of the certification)
 - 2) 자체검사의 실시 및 그 기록관리 (Self Product Verification and record keeping)
 - ※ 안전인증을 받은 자는 제품검사를 철저히 실시하여 제품의 품질이 안전기준에 미달되지 않도록 유의 (Recipients(license holder) of the safety certification (KC-mark) shall conduct products inspection strictly for products to comply with the safety standard.)
5. 안전인증을 받은 자는 전기용품 및 생활용품 안전관리법 제7조 1항 및 동법 시행령 제9조에 의거 2년에 1회 정기검사를 받아야 합니다. (Recipients(license holder) of the safety certification (KC-mark) shall receive routine(regular) factory inspection once every two years according to the Electrical Appliances and Consumer products Safety Control Act article 7(1) and article 9 of Enforcement decree of the same Act.)

(연락처: 인증융합센터, Tel 055-791-3400, 3401)
(Contact point: Certification Evaluation Center Tel: +82 55 791 3400, 3401)

첨부 1 : 전기용품의 안전관리부품 및 재질목록
List of Critical Components

| 부품명(회로기호) Component(Part no.) | 제조사(상표명) Manufacturer(Brand) | 모델명(형식) Model(Type) | 정격 또는 특성 Rating or Characteristics | 인증마크 Tested by |
|----------------------------------|---------------------------------|------------------------|---------------------------------------|-------------------|
| Dielectric material | Ceramic material | - | - | - |
| electrode | Silver | - | - | - |
| Insulation coatings | Epoxy power coating | - | - | - |
| lead | Tinned copper wire | - | - | - |

유의사항 (Attention) :

1. 안전관리부품은 전기적인 안전에 직접적인 영향을 주는 부품으로서 안전인증기관이 정기공장검사 시 확인 관리 하는 사항입니다. 따라서 상기목록에 기재된 사항을 변경하거나 또는 복수등재를 원하시는 경우는 안전인증기관에 인증변경신청을 하여야 합니다.

As the "Critical components" are parts in directly related with safety, these components shall be checked during a factory inspection by the certification body. In case of applying multiple listing or changing the items above, the certification revision shall be applied.

2. 인증변경신청 없이 임의로 변경하는 경우는, 전기용품 및 생활용품 안전관리법 시행규칙 제 21 조제 1 항 또는 제 38 조제 1 항 규정에 의한 안전인증 취소 혹은 안전확인신고 효력상실 사유가 됨을 유의하시기 바랍니다.

The Safety Certification will be cancelled under the Article 21(1), 38(1) of the Enforcement Rule of the Electrical appliances and Consumer Products Safety Control Act if the contents of the Certification is altered without our authorization.

FP511-04-02

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

| 파생모델명 Derivative model | 기본모델과의 차이점 Differences between the basic and derivative model(s) |
|---|---|
| Not Applicable | |
| 제품특기사항 및 시험조건 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"> - Y Capacitor - 250Vac, Y2, 25/125/21, 100~10000pF | |
| <p><input type="checkbox"/> 본 제품의 검토내용에 관하여 의문사항이 있으신 경우 아래 연락처로 문의하시기 바랍니다. 시험 담당자 / 연락처: 인증사업본부 인증융합센터 유 재민 / 055-7913-306</p> <p><input type="checkbox"/> <i>If you have any question on product testing, please contact the person below :</i> <i>Job holder: Certification business Division, Certification Convergence Center, J. M. Yu / +82 55 7913 306</i></p> | |

FP511-05-01

□ 첨부 3 : 안전인증의 변경 현황
Revisions Status

| 변경발급 내용 Contents of Certificate Revisions |
|--|
| <p>1st Rev.) Addition of factory (19-005222-01-1 : 2019.03.28.)</p> <p>- Factory name : SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO.,LTD Address : Songtian science and technology park,Free trade zone,Shantou,City,Guangdong,China</p> |
| <p>2nd Rev.) Deletion of a multiple Factory and Change of manufacturer name, president, address (20-016615-02-1 : 2020.04.09.)</p> <p>- Deletion Factory name : SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO.,LTD 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 No.9, Kejixi Road, Gaoxinqu, Shantou, Guandong, China</p> <p>After : SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO., LTD / Huang Rui nan Songtian science and technology park, Free trade zone, Shantou, City, Guangdong, China</p> |
| <p>3rd Rev.) Change of manufacturer name (26-001314-01-1 : 2026.01.15.)</p> <p>- Before : SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO., LTD After : Guangdong Songtian Electronic Industrial Co.,Ltd.</p> |

FP511-06-01

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.

Name and address of the manufacturer

No. 9 Kejixi Road, Gaoxin District, 515041 SHANTOU CITY, Guangdong, CHINA
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) ± 10% (K) ; Y5U (330 pF to 680 pF) ± 10% (K);
Y5U (1000 pF to 4700 pF) ± 20% (M); Y5V (1000 pF to 4700 pF) ± 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



Ref. Certif. No.

DE1-64371/B2/A1/M1

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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; ± 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



Ref. Certif. No.

DE1-67721/B2

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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