



安规陶瓷电容器国际认证证书

CERTIFICATE OF RECOGNIZED CERAMIC CAPACITOR

(2021 年 8 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（Y1/Y2 型）安全认证标准及证书号：

序号	国家		安规标准		证书号		额定电压
					X1Y1（CD）	X1Y2（CE）	
1	中国		CQC	GB/T6346.14-2015 IEC60384-14:2013+AMD 1:2016	CQC19001213616	CQC19001213202	250VAC 400VAC 500VAC
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)	SU03031-19001A	SU03031-7001B	
5	美国/加拿大		UL/CUL	UL60384-14	E208107	E208107	



产品认证证书

证书编号: CQC19001213616

发证日期: 2021年08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2楼、4-6楼、7楼701房

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2楼、4-6楼、7楼701房

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、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 Y5P、Y5U

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

申请人名称及地址

汕头高新区松田实业有限公司
汕头高新区科技西路9号2楼、4-6楼、7楼701房

制造商名称及地址

汕头高新区松田实业有限公司
汕头高新区科技西路9号2楼、4-6楼、7楼701房

生产企业名称及地址

汕头保税区松田电子科技有限公司(V035228)
汕头保税区松田科技园东区、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

CT7-X1/400VAC-Y2/250VAC-(100-10000) pF、CE-X1/400VAC-Y2/250VAC-(100-10000) pF;
额定电压: X1类 400VAC, Y2类 250VAC; 电容量范围: 100pF-10000pF; 容量允许偏差:
K: $\pm 10\%$, M: $\pm 20\%$, 阻燃性类别为C级; 气候类别 25/125/21

产品标准和技术要求

GB/T6346.14-2015

认证模式

产品型式试验+获证后监督

上述产品符合 CQC11-471115-2016 认证规则的要求, 特发此证。

发证日期: 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。

经中国合格评定国家认可委员会认可 CNAS C001-P

主任: 陆楠



中国质量认证中心

中国·北京·南四环西路188号9区100070

<http://www.cqc.com.cn>

C 0140647

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

Aktenzeichen: 5000368-4670-0001 / 268832

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 2021-03-04)

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.*

5000368-4670-0001 / 268832 / TL3 / KIL

letzte Änderung / *updated*

2021-03-04

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 TechnologyDev. Zone Songtian Enterprise
Co., Ltd.

Weitere Einzelheit(en)
Further details

Anlage Nr. 600 vom 2020-12-18
Appendix no. 600 dated 2020-12-18

Anlage Nr. 200, 700 vom 2021-03-04
Appendix no. 200, 700 dated 2021-03-04

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 / 268832 / TL3 / KIL

letzte Änderung / *updated*

2021-03-04

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 / 268832 / TL3 / KIL

letzte Änderung / updated

2021-03-04

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). 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.

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-
0001/268832/TL3/KIL

letzte Änderung / updated

2021-03-04

Datum / Date

2008-11-04

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 ; 390 pF ; 470 pF ; 560 pF ; 680pF ; 1000 pF ; 1500 pF ; 2200 pF ; 3300 pF ; 4700 pF		
Bemessungsspannung Rated voltage	1; For SL: AC 250 V; AC 400V 2; For Y5P; Y5U; Y5V : AC 250 V; AC 400 V, AC 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 for SL 2; 40/125/21 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 bis/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) 20% (M)		
Genehmigung für Gleichspannungs-anwendungen nach Anhang H Approval for d.c. applications according to Annex H	☒	ja yes	Bemessungsgleichspannung d.c. rated voltage
	☐	nein no	DC 1500 V Only for Y5P; Y5U
Genehmigung für Feuchtebeständigkeitsklasse nach Anhang I Approval for humidity robustness grade according to Annex I	☐	IA	21 Tage bei 40 °C / 93 % r.F. mit angelegter Bemessungsspannung 21 days at 40 °C / 93 % r.h. with rated voltage applied
	☐	IB	168 Stunden bei 85 °C / 85 % r.F. mit angelegter Bemessungsspannung 168 hours at 85 °C / 85 % r.h. with rated voltage applied
	☐	IIA	56 Tage bei 40 °C / 93 % r.F. mit angelegter Bemessungsspannung 56 days at 40 °C / 93 % r.h. with rated voltage applied
	☐	IIB	500 Stunden bei 85 °C / 85 % r.F. mit angelegter Bemessungsspannung 500 hours at 85 °C / 85 % r.h. with rated voltage applied
	☐	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

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341

Ausweis-Nr. /
Certificate No.
40025754

Anlage /
Appendix
200

Aktenzeichen / File ref.

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2021-03-04

Datum / Date

2008-11-04

	☒	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
	☐	keine none	
Warenzeicheninhaber Trademark holder	Shantou High-New TechnologyDev. 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.



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

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

M. Tasotti

Aktenzeichen: 5000368-4670-0003 / 274739

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 2020-07-21)

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<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 / 274739 / TL3 / KIL

letzte Änderung / *updated*

2020-07-21

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 und 700 vom 2018-12-20
Appendix no. 200, 600 and 700 dated 2018-12-20

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
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 / 274739 / TL3 / KIL

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2020-07-21

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 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.

5000368-4670-0003 / 274739 / TL3 / KIL

letzte Änderung / updated

2020-07-21

Datum / Date

2008-11-03

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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). 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.

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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341

Ausweis-Nr. /
Certificate No.
40025748

Anlage /
Appendix
200

Aktenzeichen / File ref.

5000368-4670-
0003/252331/TL3/KIL

letzte Änderung / updated

2018-12-20

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; 470pF; 1000pF; 1500pF; 2200pF; 3300pF; 4700pF; 10000pF		
Bemessungsspannung Rated voltage	AC 250 V		
Kondensatorklasse und -unterklasse Capacitor class and subclass	X1Y2		
Grenzabweichung der Bemessungskapazität Tolerance of rated capacitance	±10% (K) oder/or ±20% (M)		
Klimakategorie Climatic category	25/125/21		
Kategorie der passiven Entflammbarkeit Passive flammability category	C		
Keramikart Type of ceramic	Y5P; Y5U; Y5V		
Temperaturcharakteristik Temperature characteristic	Y5P (100pF bis/to 470pF) ±10% (K) Y5V (1000pF bis/to 10000pF) ±20% (M) Y5U (1000pF bis/to 10000pF) ±20% (M)		
Genehmigung für Gleichspannungs- anwendungen nach Anhang H Approval for d.c. applications according to Annex H	☐	ja yes	Bemessungsgleichspannung DC ____ V d.c. rated voltage
	☒	nein no	
Genehmigung für Feuchtebeständigkeitsklasse nach Anhang I Approval for humidity robustness grade according to Annex I	☐	IA	21 Tage bei 40 °C / 93 % r.F. mit angelegter Bemessungsspannung 21 days at 40 °C / 93 % r.h. with rated voltage applied
	☐	IB	168 Stunden bei 85 °C / 85 % r.F. mit angelegter Bemessungsspannung 168 hours at 85 °C / 85 % r.h. with rated voltage applied
	☐	IIA	56 Tage bei 40 °C / 93 % r.F. mit angelegter Bemessungsspannung 56 days at 40 °C / 93 % r.h. with rated voltage applied
	☐	IIB	500 Stunden bei 85 °C / 85 % r.F. mit angelegter Bemessungsspannung 500 hours at 85 °C / 85 % r.h. with rated voltage applied
	☐	IIIA	56 Tage bei 60 °C / 93 % r.F. mit angelegter Bemessungsspannung 56 days at 60 °C / 93 % r.h. with rated voltage applied
	☐	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
	☒	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*

341

Ausweis-Nr. /
Certificate No.
40025748

Anlage /
Appendix
200

Aktenzeichen / *File ref.*

5000368-4670-
0003/252331/TL3/KIL

letzte Änderung / *updated*

2018-12-20

Datum / *Date*

2008-11-03

Warenzeicheninhaber
Trademark holder

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



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 Derivative model	기본모델과의 차이점 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 Remarks & Test conditions	
1. Review Report No. : 19-005222-10-2 (2019.02.18.) 2. Product Description - Y1, AC 250 V, 4 700 pF, 25/125/21/B - Tolerance : K($\pm 10\%$), M($\pm 20\%$) - Ceramic : Y5P, Y5V * Factory information -Factory 1 : Shantou High-New Technology Development Zone Songtian Enterprise Co., Ltd Address : No.9, Kejixi Road, Gaoxinqu, Shantou, Guangdong, China -Factory 2 : SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO.,LTD . Address :Songtian science and technology park, Free trade zone, Shantou, City, Guangdong, China □ 본 제품의 검토내용에 관하여 의문사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 검토 담당자 / 연락처 : BK 전략본부 인증관리센터 신 종욱 / 02-8601-1437 □ If you have any question on product review, please contact the person below : Job holder: BK Strategy Division, Certification Management Center, J.U.Shin / +82 2 860-1437	

FP511-05

□ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
1st Rev.) Deletion of a multiple Factory and Change of manufacturer name, president, address (20-016615-09-1 : 2020.04.10.) - 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 - manufacturer Before : Shantou High-New Technology Development Zone Songtian Enterprise Co., Ltd / Mr.Lin Rong No.9, Kejixi Road, Gaoxinqu, Shantou, Guandong, China 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

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 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
Not Applicable	
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Test Report Ref. No.: 07-1920-1644 (2007.08.21.) 2. Product Description - Y Capacitor - 250Vac, Y2, 25/125/21, 100~10000pF	
□ 본 제품의 검토내용에 관하여 의문사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 검토 담당자 / 연락처 : BK 전략본부 인증관리센터 신 종욱 / 02-8601-1437 □ If you have any question on product review, please contact the person below : Job holder: BK Strategy Division, Certification Management Center, J.U.Shin / +82 2 860-1437	

FP511-05

☐ 첨부 3 : 안전인증의 변경 현황
Revisions Status

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

FP511-06

FOWX2.E208107 - Fixed Capacitors for Use in Electronic Equipment - Component

Fixed Capacitors for Use in Electronic Equipment - Component

SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO

E208107

LTD

9 KEJIXI RD

GAOXINQU

SHANTOU, GUANGDONG 515000 China

Type Dsg	Capacitor Class	Voltage Rating (V)	Capacitance (μF) (Tolerance)	Resistance for RC Devices (ohms)	Lower Temp (°C)	Upper Temp (°C)	Add'l Humidity Robustness Grades
Fixed capacitor							
MPX	X2	250/275/305/310 Vac	0.001uF-2.2uF (+/-10%)	—	-40	+110	—
CD	X1/Y1	X1:250/400/500 Vac; 1500Vdc Y1:250/400/500 Vac; 1500Vdc	100pF-4700pF, +/- 20%	—	-40	+125	IIIB
CE	X1/Y2	X1:400 Vac Y2:250 Vac	100pF-10000pF, +/- 20%	—	-25	+125	—
CD	X1/Y1	X1:400 Vac Y1:250/400 Vac	10 pF - 82pF, +/- 10%	—	-25	+125	—
MKP	X2	250/275/305/310 Vac	0.01uF~1uF (+/-10%)	—	-40	+110	IIIB
DSY	X1/Y1	250/400/500Vac; 1500Vdc	100 pF - 220pF, +/- 10%	—	-40	+125	IIIB

Note : The model code for CD and CE may be followed by K(+/-10%) or M(+/-20%) for capacitance tolerance.

Marking: Company name or trademarks  or  and type designation.

Last Updated on 2021-05-06

并不是所有出现在本数据库中的公司名称和产品都满足了UL 跟踪检验服务的要求。只有带有 UL 标志的产品，才应该被视为经过 UL 认证，并满足UL 跟踪检验服务的要求。注意查看产品上的标志。

FOWX8.E208107 - Fixed Capacitors for Use in Electronic Equipment Certified for Canada - Component

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

SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO

E208107

LTD

9 KEJIXI RD

GAOXINQU

SHANTOU, GUANGDONG 515000 China

Type Dsg	Capacitor Class	Voltage Rating (V)	Capacitance (μF) (Tolerance)	Resistance for RC Devices (ohms)	Lower Temp (°C)	Upper Temp (°C)	Add'l Humidity Robustness Grades
Fixed capacitor							
MPX	X2	250/275/305/310 Vac	0.001uF-2.2uF (+/-10%)	—	-40	+110	—
CD	X1/Y1	X1:250/400/500 Vac; 1500Vdc Y1:250/400/500 Vac; 1500Vdc	100pF-4700pF, +/- 20%	—	-40	+125	IIIB
CE	X1/Y2	X1:400 Vac Y2:250 Vac	100pF-10000pF, +/- 20%	—	-25	+125	—
CD	X1/Y1	X1:400 Vac Y1:250/400 Vac	10 pF - 82pF, +/- 10%	—	-25	+125	—
MKP	X2	250/275/305/310 Vac	0.01uF~1uF (+/-10%)	—	-40	+110	IIIB
DSY	X1/Y1	250/400/500Vac; 1500Vdc	100 pF - 220pF, +/- 10%	—	-40	+125	IIIB

Note : The model code for CD and CE may be followed by K(+/-10%) or M(+/-20%) for capacitance tolerance.

Marking: Company name or trademarks  ,  or and type designation and Recognized Component Mark for

Canada 

Last Updated on 2021-05-06



Rong Lin
SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO LT
SONGTIAN SCIENCE AND TECHNOLOGY PARK
FREE TRADE ZONE
SHANTOU
GUANGDONG 515071 CHINA

Date: 2020/02/28
Subscriber: None
PartySite: 2246421
File No: E208107
Project No: 20SR5279054
PD No: 20010271
Type: R
PO Number:

Subject: **Procedure And/Or Report Material**

The following material resulting from the investigation under the above numbers is enclosed.

Issue

<u>Date</u>	<u>Vol</u>	<u>Sec</u>	<u>Pages</u>	<u>Revised Date</u>
	2		Revised Authorization Page(s)	2020/02/26

Delete Manufacturer PSN 2246421 Factory ID -A8 under File E208107,E330837,E474052.

Inspections at your plant will be conducted under the supervision of Jian Li, 1701,17/F, West Tower,66

Hua cheng da dao, Zhu jiang Xin Cheng,Guangzhou, 510623, China PHONE: +86-20-38872860; FAX: 86-20-3887-2863, EMAIL: UL.InspectionCenter316@ul.com

Please file revised pages and illustrations in place of material of like identity. New material should be filed in its proper numerical order.

NOTE: Follow-Up Service Procedure revisions DO NOT include Cover Pages, Test Records and Conclusion Pages. Report revisions DO NOT include Authorization Pages, Indices, Section General Pages and Appendixes.

Please review this material and report any inaccuracies to UL's Customer Service Professionals. Contact information for all of UL's global offices can be found at <http://ul.com/aboutul/locations>.

If you'd like to receive updated materials FASTER, UL offers electronic access and/or delivery of this material. For more details, contact UL's Customer Service Professionals as shown above.

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NBK File

UL INSPECTION CENTER 316



File E208107

Vol 2

Auth. Page 1

Issued: 2012-04-26

Revised: 2020-02-27

FOLLOW-UP SERVICE PROCEDURE
(TYPE R)

COMPONENT - FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT
(FOWX2,FOWX8)

Manufacturer: SEE ADDENDUM FOR MANUFACTURER LOCATIONS

Applicant: 151081 (Party Site)
SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE
CO LTD
(701335-001) 9 KEJIXI RD
GAOXINQU
SHANTOU
GUANGDONG 515000 CHINA

Recognized Co.: 151081 (Party Site)
SAME AS APPLICANT
(701335-001)

Use of the Mark

This Follow-Up Service Procedure authorizes the above Manufacturer(s) to use the marking specified by UL LLC, or any authorized licensee of UL LLC, including the UL Contracting Party, only on products when constructed, tested and found to be in compliance with the requirements of this Follow-Up Service Procedure and in accordance with the terms of the applicable service agreement with UL Contracting Party. The UL Contracting Party for Follow-Up Services is listed in the addendum to this Follow-Up Service Procedure ("UL Contracting Party"). UL Contracting Party and UL LLC are referred to jointly herein as "UL."

It is the responsibility of the Applicant, Manufacturer(s), and Recognized Company to make sure that only the products meeting the aforementioned requirements bear the authorized Marks of UL LLC, or any authorized licensee of UL LLC.

Additional Responsibilities

Additional responsibilities, duties and requirements for the Applicant and Manufacturers are defined under Additional Resources at the following web-site: <http://www.ul.com/fus>. Manufacturers without Internet access may obtain the current version of these documents from their local UL customer service representative or UL field representative. For assistance, or to obtain a paper copy of these documents or the Follow-Up Service Terms referenced below, please contact UL's Customer Service at <http://www.ul.com/aboutul/locations/>, select a location and enter your request, or call the number listed for that location.

Acceptance of Follow-Up Services

The Applicant and the specified Manufacturer(s) and any Recognized Company in this Follow-Up Service Procedure must agree to receive Follow-Up Services from UL Contracting Party. If your applicable service agreement is a Global Services Agreement ("GSA"), the Applicant, the specified Manufacturer(s) and any Recognized Company will be bound to a Service Agreement for Follow-Up Services upon the earliest by any Subscriber of a) use of the prescribed UL Mark, b) acceptance of the factory inspection, or c) payment of the Follow-Up Service fees. The Service Agreement incorporates such GSA, this Follow-Up Service Procedure and the Follow-Up Service Terms which can be accessed by clicking the following link: <http://services.ul.com/fus-service-terms>. In all other events, Follow-Up Services will be governed by and incorporate the terms of your applicable service agreement and this Follow-Up Service Procedure.

Use and Ownership of the Follow-Up Service Procedure

This Follow-Up Service Procedure, and any subsequent revisions, is the property of UL and is not transferable. This Follow-Up Service Procedure contains confidential information for use only by the Applicant, the specified Manufacturer(s), and representatives of UL and is not to be used for any other purpose. It is provided to the Subscribers with the understanding that it is not to be copied, either wholly or in part unless specifically allowed, and that it will be returned to UL, upon request.

Definition of Terms

Capitalized terms used but not defined herein have the meanings set forth in the GSA and the applicable Service Terms or any other applicable UL service agreement.

No Third Party Liability

UL shall not incur any obligation or liability for any loss, expense or damages, including incidental, consequential or punitive damages arising out of or in connection with the use or reliance upon this Follow-Up Service Procedure to anyone other than the above Manufacturer(s) as provided in the agreement between UL LLC or an authorized licensee of UL LLC, including UL Contracting Party, and the Manufacturer(s).

Certification Body

UL LLC has signed below solely in its capacity as the certification body to indicate that this Follow-Up Service Procedure fulfills the requirements for certification documentation issued by the certification body.

Bruce A. Mahrenholz
Director
Conformity Assessment Programs (CPO)
UL LLC

LOCATION

2246421 (Party Site)
SHANTOU FREE TRADE ZONE SONGTIAN ELECTRONIC TECHNOLOGY CO LTD
Songtian Science and Technology Park
Free Trade Zone
Shantou
Guangdong 515071 CHINA

Factory ID:

UL Contracting Party for above site is: UL GmbH