



安规薄膜电容器国际认证证书

CERTIFICATE OF RECOGNIZED FILM CAPACITOR

(MPX-X2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)

安规薄膜电容器（MPX-X2 系列）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
1	中国		CQC	GB/T6346. 14-2023	CQC19001213200	275VAC 305VAC 310VAC 330VAC 350VAC
2	德国		VDE	EN60384-14:2017	40034679	
3	欧盟		ENEC	EN60384-14:2017	40034679	
4	韩国		KTL	K60384	SU03031-12001B SU03031-12002B SU03031-12003C SU03031-12004C	
5	美国/加拿大		UL/CUL	UL60384-14	E208107	
6	国际电工委员会	CB	IEC-CB	IEC60384-2013	DE1-67279/A1	



产品认证证书

证书编号: CQC19001213200

发证日期: 2023 年 11 月 14 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
MPX-X2-350VAC/330VAC/310VAC/305VAC/275VAC-(0.001uF~10uF) ; 电容器小类 : X2; 额定电压 : 350VAC、330VAC、310VAC、305VAC、275VAC; 电容量范围 : 0.001uF~10uF; 容量允许偏差 : K : $\pm 10\%$; 阻燃性级别 : B; 气候类别为 : 40/110/56

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.



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: 5000368-4670-0004 / 305687

File ref.:

Ausweis-Nr. 40034679

Blatt 1

Certificate No.

Page

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

Offenbach, 2012-03-22

(letzte Änderung / updated 2023-04-25)

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

R. Nickel

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.*

5000368-4670-0004 / 305687 / TL3 / BT

letzte Änderung / *updated*

2023-04-25

Datum / *Date*

2012-03-22

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40034679.

This supplement is only valid in conjunction with page 1 of the Certificate No. 40034679.

Festkondensator zur Unterdrückung elektromagnetischer Störungen, geeignet für Netzbetrieb

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

Typ(en) / *Type(s)*

MPX

Warenzeicheninhaber
Trademark holder

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

Weitere Einzelheit(en)
Further details

siehe Anlagen Nr. 200, 600 und 700 vom 2023-04-25
see Appendix No. 200, 600 and 700 dated 2023-04-25

VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. /
Certificate No.
40034679

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.*

5000368-4670-0004 / 305687 / TL3 / BT

letzte Änderung / *updated*

2023-04-25

Datum / *Date*

2012-03-22

Dieses Beiblatt ist Bestandteil des Zeichengenehmigungsausweises Nr. 40034679.

This supplement is part of the Certificate No. 40034679.

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
40034679

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.

5000368-4670-0004 / 305687 / TL3 / BT

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2023-04-25

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2012-03-22

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This supplement is only valid in conjunction with page 1 of the Certificate No. 40034679.

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. 40034679.

This supplement is only valid in conjunction with page 1 of the Certificate No. 40034679

Rubrik / Rubric

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Ausweis-Nr. /
Certificate No.

40034679

Anlage /
Appendix

200

Aktenzeichen / File ref.

5000368-4670-

0004/305687/TL3/BT

letzte Änderung / updated

2023-04-25

Datum / Date

2012-03-22

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

Typ(en) Type(s)	MPX		
Bemessungskapazität Rated capacitance	0,001 µF; 0,0012 µF; 0,0015 µF; 0,0018 µF; 0,002µF; 0,0022 µF; 0,0025µF; 0,0027µF; 0,0033 µF; 0,0039 µF; 0,0047 µF; 0,0056 µF; 0,0068 µF; 0,0082 µF; 0,01 µF;0,012 µF; 0,015 µF; 0,018 µF;0,02µF; 0,022 µF;0,027µF; 0,033 µF; 0,039µF; 0,047 µF; 0,056 µF; 0,068 µF; 0,082 µF; 0,1 µF;0,12µF; 0,15 µF; 0,18 µF; 0,2µF; 0,22 µF; 0,27 µF;0,33 µF; 0,39 µF; 0,47 µF; 0,52 µF; 0,56 µF; 0,68 µF; 0,82 µF; 1,0 µF;1,2 µF; 1,5 µF; 1,8 µF; 2,0 µF; 2,2 µF; 2,5 µF; 2,7 µF; 3,0 µF; 3,3 µF; 3,5 µF; 3,9 µF; 4,7 µF; 5,6 µF; 6,8 µF; 8,2 µF; 10,0 µF		
Bemessungsspannung Rated voltage	AC 275/305/310/330/350 V		
Kondensatorklasse und -unterklasse Capacitor class and subclass	X2		
Grenzabweichung der Bemessungskapazität Tolerance of rated capacitance	±10 % (K)		
Klimakategorie Climatic category	40/110/56		
Kategorie der passiven Entflammbarkeit Passive flammability category	B		
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

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This supplement is only valid in conjunction with page 1 of the Certificate No. 40034679

Rubrik / *Rubric*

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Ausweis-Nr. / *Certificate No.*

40034679

Anlage / *Appendix*
200

Aktenzeichen / *File ref.*

5000368-4670-
0004/305687/TL3/BT

letzte Änderung / *updated*

2023-04-25

Datum / *Date*

2012-03-22

Warenzeicheninhaber <i>Trademark holder</i>	Shantou High-New Technology Dev. Zone Songtian Enterprise Co., Ltd.
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Model MPX

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

MPX
Fixed capacitor

CAPACITORS	额定值
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
--	--	X2	275/305/310/330/350	AC	0.001uF-10uF	10		-40	110	



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접 수 번 호 : 20-016615-03-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SU03031-12001B
(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 : X캐패시터
(Product) (X capacitor)

기 본 모 델 명 : MPX (0.1 μ F 310VAC)
(Basic Model)

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

정격/안전기준상의 모델구분 : AC310 V, X2, 0.1 μ F, 40/110/56/C
(Rating)

시 험 기 준 : K60384-1(2006-12), 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 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
Not applicable				

☐ **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

☐ 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)
MPX (0.082 uF 310VAC)	Capacitance(0.082uF)
MPX (0.068 uF 310VAC)	Capacitance(0.068uF)
MPX (0.056 uF 310VAC)	Capacitance(0.056uF)
MPX (0.047 uF 310VAC)	Capacitance(0.047uF)
MPX (0.039 uF 310VAC)	Capacitance(0.039uF)
MPX (0.033 uF 310VAC)	Capacitance(0.033uF)
MPX (0.027 uF 310VAC)	Capacitance(0.027uF)
MPX (0.022 uF 310VAC)	Capacitance(0.022uF)
MPX (0.020 uF 310VAC)	Capacitance(0.020uF)
MPX (0.018 uF 310VAC)	Capacitance(0.018uF)
MPX (0.015 uF 310VAC)	Capacitance(0.015uF)
MPX (0.012 uF 310VAC)	Capacitance(0.012uF)
MPX (0.010 uF 310VAC)	Capacitance(0.010uF)
MPX 0.0082 uF 310VAC	Capacitance(0.0082uF)
MPX(0.0068 uF 310VAC)	Capacitance(0.0068uF)
MPX (0.0056 uF 310VAC)	Capacitance(0.0056uF)
MPX (0.0047 uF 310VAC)	Capacitance(0.0047uF)
MPX (0.0039 uF 310VAC)	Capacitance(0.0039uF)
MPX (0.0033 uF 310VAC)	Capacitance(0.0033uF)
MPX (0.0027 uF 310VAC)	Capacitance(0.0027uF)
MPX (0.0025 uF 310VAC)	Capacitance(0.0025uF)
MPX (0.0022 uF 310VAC)	Capacitance(0.0022uF)
MPX (0.0020 uF 310VAC)	Capacitance(0.0020uF)
MPX (0.0018 uF 310VAC)	Capacitance(0.0018uF)
MPX (0.0015 uF 310VAC)	Capacitance(0.0015uF)
MPX (0.0012 uF 310VAC)	Capacitance(0.0012uF)
MPX (0.0010 uF 310VAC)	Capacitance(0.0010uF)
MPX (0.100 uF 305VAC)	Rated voltage (305 VAC)
MPX(0.082 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.082uF)
MPX (0.068 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.068uF)

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
MPX (0.056 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.056uF)
MPX (0.047 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.047uF)
MPX (0.039 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.039uF)
MPX (0.033 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.033uF)
MPX (0.027 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.027uF)
MPX (0.022 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.022uF)
MPX (0.020 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.020uF)
MPX (0.018 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.018uF)
MPX (0.015 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.015uF)
MPX (0.012 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.012uF)
MPX(0.010 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.010uF)
MPX (0.0082 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.0082uF)
MPX (0.0068 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.0068uF)
MPX (0.0056 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.0056uF)
MPX (0.0047 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.0047uF)
MPX (0.0039 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.0039uF)
MPX (0.0033 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.0033uF)
MPX (0.0027 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.0027uF)
MPX (0.0025 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.0025uF)
MPX (0.0022 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.0022uF)
MPX (0.0020 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.0020uF)
MPX (0.0018 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.0018uF)
MPX (0.0015 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.0015uF)
MPX (0.0012 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.0012uF)
MPX (0.0010 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.0010uF)
MPX (0.100 uF 275VAC)	Rated voltage (275 VAC)
MPX (0.082 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.082uF)
MPX (0.068 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.068uF)
MPX (0.056 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.056uF)
MPX (0.047 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.047uF)
MPX (0.039 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.039uF)

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
MPX (0.033 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.033uF)
MPX (0.027 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.027uF)
MPX (0.022 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.022uF)
MPX (0.020 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.020uF)
MPX (0.018 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.018uF)
MPX (0.015 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.015uF)
MPX (0.012 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.012uF)
MPX (0.010 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.010uF)
MPX (0.0082 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.0082uF)
MPX (0.0068 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.0068uF)
MPX (0.0056 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.0056uF)
MPX (0.0047 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.0047uF)
MPX (0.0039 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.0039uF)
MPX (0.0033 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.0033uF)
MPX (0.0027 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.0027uF)
MPX (0.0025 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.0025uF)
MPX (0.0022 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.0022uF)
MPX (0.0020 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.0020uF)
MPX (0.0018 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.0018uF)
MPX (0.0015 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.0015uF)
MPX (0.0012 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.0012uF)
MPX (0.0010 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.0010uF)

제품특기사항 및 시험조건
Remarks & Test conditions

1. Test Report Ref. No. : 12-1920-1905 (2012.05.09.)

2. Product Description

- X capacitor
- AC310V, X2, 0.1uF, 40/110/56/C

□ 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 (19-005222-02-1 : 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 (20-016615-03-1 : 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

접 수 번 호 : 20-016615-04-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SU03031-12002B
(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 : X캐패시터
(Product) (X capacitor)

기 본 모 델 명 : MPX (0.33 μ F 310VAC)
(Basic Model)

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

정격/안전기준상의 모델구분 : AC310 V, X2, 0.33 μ F, 40/110/56/C
(Rating)

시 험 기 준 : K60384-1(2006-12), 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 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
Not applicable				

☐ **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

□ 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)
MPX (0.27 uF 310VAC)	Capacitance(0.27uF)
MPX (0.22 uF 310VAC)	Capacitance(0.22uF)
MPX (0.20 uF 310VAC)	Capacitance(0.20uF)
MPX (0.18 uF 310VAC)	Capacitance(0.18uF)
MPX (0.15 uF 310VAC)	Capacitance(0.15uF)
MPX (0.12 uF 310VAC)	Capacitance(0.12uF)
MPX (0.33 uF 305VAC)	Rated voltage (305 VAC)
MPX (0.27 uF 305VAC)	Rated voltage (305 VAC),Capacitance(0.27uF)
MPX (0.22 uF 305VAC)	Rated voltage (305 VAC),Capacitance(0.22uF)
MPX (0.20 uF 305VAC)	Rated voltage (305 VAC),Capacitance(0.20uF)
MPX (0.18 uF 305VAC)	Rated voltage (305 VAC),Capacitance(0.18uF)
MPX (0.15 uF 305VAC)	Rated voltage (305 VAC),Capacitance(0.15uF)
MPX (0.12 uF 305VAC)	Rated voltage (305 VAC),Capacitance(0.12uF)
MPX (0.33 uF 275VAC)	Rated voltage (275 VAC)
MPX (0.27 uF 275VAC)	Rated voltage (275 VAC),Capacitance(0.27uF)
MPX (0.22 uF 275VAC)	Rated voltage (275 VAC),Capacitance(0.22uF)
MPX (0.20 uF 275VAC)	Rated voltage (275 VAC),Capacitance(0.20uF)
MPX (0.18 uF 275VAC)	Rated voltage (275 VAC),Capacitance(0.18uF)
MPX (0.15 uF 275VAC)	Rated voltage (275 VAC),Capacitance(0.15uF)
MPX (0.12 uF 275VAC)	Rated voltage (275 VAC),Capacitance(0.12uF)
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Test Report Ref. No. : 12-1920-1906 (2012.05.09.) 2. Product Description - X capacitor - AC310V, X2, 0.33uF, 40/110/56/C	
□ 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	

☐ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
1st Rev.) Addition of factory (19-005222-03-1 : 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 (20-016615-04-1 : 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

접 수 번 호 : 20-016615-05-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SU03031-12003C
(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 : X커패시터
(Product) (X capacitor)

기 본 모 델 명 : MPX (1 μ F 310VAC)
(Basic Model)

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

정격/안전기준상의 모델구분 : AC310 V, X2, 1 μ F, 40/110/56/C
(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 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 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
Not applicable				

☐ **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

□ 첨부 2 : 기본모델 · 파생모델의 내용
General description of Certified Products

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
MPX (0.82 uF 310VAC)	Capacitance(0.82 μ F)
MPX (0.68 uF 310VAC)	Capacitance(0.68 μ F)
MPX (0.56 uF 310VAC)	Capacitance(0.56 μ F)
MPX (0.47 uF 310VAC)	Capacitance(0.47 μ F)
MPX (1.0 uF 305VAC)	Rated voltage (305 VAC)
MPX (0.82 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.82 μ F)
MPX (0.68 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.68 μ F)
MPX (0.56 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.56 μ F)
MPX (0.47 uF 305VAC)	Rated voltage (305 VAC), Capacitance(0.47 μ F)
MPX (1.0 uF 275VAC)	Rated voltage (275 VAC)
MPX (0.82 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.82 μ F)
MPX (0.68 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.68 μ F)
MPX (0.56 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.56 μ F)
MPX (0.47 uF 275VAC)	Rated voltage (275 VAC), Capacitance(0.47 μ F)
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Test Report Ref. No. : 12-1920-1907 (2012.05.09.) 2. Product Description - X capacitor - AC310V, X2, 1uF, 40/110/56/C	
□ 본 제품의 시험내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 시험 담당자 / 연락처 : BK 전략본부 전기부품평가센터 이 진 웅 / 055-7913-422 □ If you have any question on product testing, please contact the person below : Job holder: Certification BK Strategy Division, Electrical Components Testing Center, Jin-ung Lee /+82 55 7913 422	

FP511-05

□ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
1st Rev.) Modify capacitance and Changed from K standard to KC standard ; (17-029838-01 : 2017.05.30) – “ Before : K 60384-14, K 60384-1 After : KC 60384-14, KC 60384-1 ” 2nd Rev.) Addition of factory (19-005222-04-1 : 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 3rd Rev.) Deletion of a multiple Factory and Change of manufacturer name, president, address (20-016615-05-1 : 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

접 수 번 호 : 20-016615-06-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SU03031-12004C
(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 : X캐패시터
(Product) (X-Capacitor)

기 본 모 델 명 : MPX (2.2uF 310VAC)
(Basic Model)

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

정격/안전기준상의 모델구분 : 310 VAC, X2, 2.2 μ F, 40/110/56/C
(Rating)

시 험 기 준 : K60384-14(2006-12), K60384-1(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 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 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
Not applicable				

☐ **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

☐ 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)
MPX (2.0 uF 310VAC)	Capacitance(2.0uF)
MPX (1.8 uF 310VAC)	Capacitance(1.8uF)
MPX (1.5 uF 310VAC)	Capacitance(1.5uF)
MPX (1.2 uF 310VAC)	Capacitance(1.2uF)
MPX (2.2 uF 305VAC)	Rated voltage (305 VAC)
MPX (2.0 uF 305VAC)	Rated voltage (305 VAC),Capacitance(2.0uF)
MPX (1.8 uF 305VAC)	Rated voltage (305 VAC),Capacitance(1.8uF)
MPX (1.5 uF 305VAC)	Rated voltage (305 VAC),Capacitance(1.5uF)
MPX (1.2 uF 305VAC)	Rated voltage (305 VAC),Capacitance(1.2uF)
MPX (2.2 uF 275VAC)	Rated voltage (275 VAC)
MPX (2.0 uF 275VAC)	Rated voltage (305 VAC),Capacitance(2.0uF)
MPX (1.8 uF 275VAC)	Rated voltage (305 VAC),Capacitance(1.8uF)
MPX (1.5 uF 275VAC)	Rated voltage (305 VAC),Capacitance(1.5uF)
MPX (1.2 uF 275VAC)	Rated voltage (305 VAC),Capacitance(1.2uF)
MPX 310V X2 3.0uF	Capacitance(3.0 μ F)
MPX 310V X2 2.9uF	Capacitance(2.9 μ F)
MPX 310V X2 2.8uF	Capacitance(2.8 μ F)
MPX 310V X2 2.7uF	Capacitance(2.7 μ F)
MPX 310V X2 2.6uF	Capacitance(2.6 μ F)
MPX 310V X2 2.5uF	Capacitance(2.5 μ F)
MPX 310V X2 2.4uF	Capacitance(2.4 μ F)
MPX 310V X2 2.3uF	Capacitance(2.3 μ F)
MPX 305V X2 3.0uF	Rated voltage (305 VAC),Capacitance(3.0 μ F)
MPX 305V X2 2.9uF	Rated voltage (305 VAC),Capacitance(2.9 μ F)
MPX 305V X2 2.8uF	Rated voltage (305 VAC),Capacitance(2.8 μ F)
MPX 305V X2 2.7uF	Rated voltage (305 VAC),Capacitance(2.7 μ F)
MPX 305V X2 2.6uF	Rated voltage (305 VAC),Capacitance(2.6 μ F)
MPX 305V X2 2.5uF	Rated voltage (305 VAC),Capacitance(2.5 μ F)
MPX 305V X2 2.4uF	Rated voltage (305 VAC),Capacitance(2.4 μ F)
MPX 305V X2 2.3uF	Rated voltage (305 VAC),Capacitance(2.3 μ F)

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
MPX 275V X2 3.0uF	Rated voltage (275 VAC),Capacitance(3.0 μ F)
MPX 275V X2 2.9uF	Rated voltage (275 VAC),Capacitance(2.9 μ F)
MPX 275V X2 2.8uF	Rated voltage (275 VAC),Capacitance(2.8 μ F)
MPX 275V X2 2.7uF	Rated voltage (275 VAC),Capacitance(2.7 μ F)
MPX 275V X2 2.6uF	Rated voltage (275 VAC),Capacitance(2.6 μ F)
MPX 275V X2 2.5uF	Rated voltage (275 VAC),Capacitance(2.5 μ F)
MPX 275V X2 2.4uF	Rated voltage (275 VAC),Capacitance(2.4 μ F)
MPX 275V X2 2.3uF	Rated voltage (275 VAC),Capacitance(2.3 μ F)
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Test Report Ref. No. : 12-1920-1909 (2012.05.09.) 2. Product Description - X capacitor - AC310V, X2, 2.2uF, 40/110/56/C	
☐ 본 제품의 시험내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 시험 담당자 / 연락처 : BK 전략본부 전기부품평가센터 이 진 웅 / 055-7913-422 ☐ If you have any question on product testing, please contact the person below : Job holder: Certification BK Strategy Division, Electrical Components Testing Center, Jin-ung Lee /+82 55 7913 422	

FP511-05

□ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
1st Rev.) 24 derivative models added (14-014810-01 : 2014.03.31.) - Derivative models : “ MPX 310V X2 3.0uF” ~ ” MPX 275V X2 2.3uF” 2nd Rev.) Addition of factory (19-005222-05-1 : 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 3rd Rev.) Deletion of a multiple Factory and Change of manufacturer name, president, address (20-016615-06-1 : 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

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
CHINA*Note: When more than one factory, please report on page 2*☐ Additional Information on page 2

Ratings and principal characteristics

0,001 μ F to 10 μ F; ± 10 % (K); X2;
AC 275/305/310/330/350 V; 40/110/56B

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

MPX

Additional information (if necessary may also be
reported on page 2)☒ Additional Information on page 2A sample of the product was tested and found
to be in conformity withIEC 60384-14:2013
IEC 60384-14:2013/AMD1:2016As shown in the Test Report Ref. No. which
forms part of this Certificate

305687-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: 2023-04-25

Signature:


R. Nickel

Additional information (if necessary)

Reason for issuing A1 :

This amendment was issued to add intermedia capacitance values into the CB Certificate no. DE1-67279.
Original date of issue CB Certificate DE1-67279 : 2023-02-17; Test Report 300751-TL3-1.

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

Date: 2023-04-25

Signature:


R. Nickel