

ZEICHENGENEHMIGUNG MARKS APPROVAL

Tenta Electric Industrial Co. Ltd.
61 Lane 86 Tzu Chiang 2nd St.
Taichung Harbor Kwan Line Ind.Dis
WU CHI TAICHUNG
TAIWAN

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

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

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



Geprüft und zertifiziert nach /
Tested and certified according to

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



Aktenzeichen: 1953900-4670-0003 / 206018

File ref.:

Ausweis-Nr. 119119

Blatt 1

Certificate No.

Page

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

Offenbach, 1999-04-19

(letzte Änderung / updated 2015-08-18)

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

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

Tenta Electric Industrial Co. Ltd., 61 Lane 86 Tzu Chiang 2nd St., Taichung Harbor Kwan Line Ind.Dis, WU CHI
TAICHUNG, TAIWAN

Aktenzeichen / *File ref.*

1953900-4670-0003 / 206018 / CC2 / KIL

letzte Änderung / *updated*

2015-08-18

Datum / *Date*

1999-04-19

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 119119.

This supplement is only valid in conjunction with page 1 of the Certificate No. 119119.

Festkondensator zur Unterdrückung elektromagnetischer Störungen, geeignet für Netzbetrieb

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

Typ(en) / *Type(s)*

MEX

Bemessungsspannung
Rated voltage

AC 275 V

Bemessungskapazität
Rated capacitance

1nF; 1,2nF; 1,5nF; 1,8nF; 2,2nF; 2,7nF; 3,3nF; 3,9nF; 4,7nF;
5,6nF; 6,8nF; 8,2nF; 10nF; 12nF; 15nF; 18nF; 22nF; 27nF;
33nF; 47nF; 56nF; 68nF; 82nF; 100nF; 120nF; 150nF; 180nF;
220nF; 270nF; 330nF; 0,33µF; 0,39µF; 0,47µF; 0,56µF; 0,68µF;
0,82µF; 1µF; 1,2µF; 1,5µF; 1,8µF; 2µF; 2,2µF

Kondensatorklasse und -unterklasse
Capacitor class and subclass

X2

Klimakategorie
Climatic category

40/100/21

Kategorie der passiven Entflammbarkeit
Passive flammability category

B

Grenzabweichung vom
Nennkapazitätswert
Tolerance of rated capacitance

± 10% (K)

Fortsetzung siehe Blatt 3 /
continued on page 3

VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Blatt /
Certificate No. / Page
119119 3

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

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Aktenzeichen / *File ref.*

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This supplement is only valid in conjunction with page 1 of the Certificate No. 119119.

Weitere Einzelheit(en)

Further detail(s)

Anlage Nr. 1 vom 2015-08-11

Enclosure No. 1 dated 2015-08-11

VDE Prüf- und Zertifizierungsinstitut GmbH

VDE Testing and Certification Institute

Fachgebiet CC2

Section CC2

VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Beiblatt /
Certificate No. Supplement
119119

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

Tenta Electric Industrial Co. Ltd., 61 Lane 86 Tzu Chiang 2nd St., Taichung Harbor Kwan Line Ind.Dis, WU CHI
TAICHUNG, TAIWAN

Aktenzeichen / *File ref.*

1953900-4670-0003 / 206018 / CC2 / KIL

letzte Änderung / *updated*

2015-08-18

Datum / *Date*

1999-04-19

Dieses Beiblatt ist Bestandteil des Zeichengenehmigungsausweises Nr. 119119.

This supplement is part of the Certificate No. 119119.

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*

30023149

SHENZHEN TENTA ELECTRICAL

APPLIANCE LTD.

No.A5 FuQiao 4th Ind. Area,Qiaotou Com.

Fuyong Street, BaoAn District

518103 SHENZHEN

Guangdong

CHINA

VDE Prüf- und Zertifizierungsinstitut GmbH

VDE Testing and Certification Institute

Fachgebiet CC2

Section CC2

CERTIFICATE ENEC/FI 2014032 A1



Our Ref. 273794-1

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

Rating and principal characteristics 275 V a.c., X2, 0.001 μ F - 2.2 μ F, 40/100/21/B.
Tolerance J (\pm 5%), K (\pm 10%), M (\pm 20%).

Trade mark (if any) TENTA

Type MEX

Name and address of the licensee Tenta Electric Industrial Co., Ltd.
61, Lane 86, Tzu Chiang 2nd St., Taichung Harbour
Kwan Line Ind. Dist., WU-CHI 435, TAIWAN

Address of the manufacturer Shenzhen Tenta Electrical Appliance Co., Ltd.
No. A5, Fu Qiao 4th Industrial Area, Qiaotou Community
Fuyong Street, Bao An District, Shenzhen
518103 GUANG DONG, CHINA

Is in conformity with EN 60384-14:2013 [Safety tests]

As shown in the Test Report(s) No(s) 273794-2

It is authorized to use of the marks ENEC 16 and FI

Validity This certificate is valid until 11 June 2019 unless the standard in question has been amended or superseded with significant changes in requirements, in which case, SGS Fimko has the right to shorten the validity of the certificate based on the legislation of the European Union. This certificate includes the right to use the ENEC 16 and FI mark under the condition that changes (if any) will be checked at SGS Fimko before the product is brought onto market and that the conditions for ENEC and FI certification are met.

With the following limitations -

Date of issue 20 August 2014

Signature 
SGS Fimko Ltd
Tom Törn
Director, Certification Services



This certificate has 2 pages



This certificate is issued by the company under its General Conditions for Certification Services accessible at <http://www.sgs.fi/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Additional information

The values of the rated capacitance of the series are:
 0.001, 0.0012, 0.0015, 0.0018, 0.0022, 0.0027, 0.0033, 0.0039,
 0.0047, 0.0056, 0.0068, 0.0082, 0.01, 0.012, 0.015, 0.018, 0.022,
 0.027, 0.033, 0.039, 0.047, 0.056, 0.068, 0.082, 0.1, 0.12, 0.15, 0.18,
 0.22, 0.27, 0.33, 0.39, 0.47, 0.56, 0.68, 0.82, 1.0, 1.2, 1.5, 1.8, 2.2 μ F.

This certificate replaces previous ENEC/FI certificate No. FI 2014032, dated 10 June 2014. The certificate has been updated due to correction of misprints.

Manufacturing site(s)

Shenzhen Tenta Electrical Appliance Co., Ltd.
 No. A5, Fu Qiao 4th Industrial Area, Qiaotou Community
 Fuyong Street, Bao An District, Shenzhen
 518103 GUANG DONG, CHINA

FOWX2.E222911

Fixed Capacitors for Use in Electronic Equipment - Component

[Page Bottom](#)

Fixed Capacitors for Use in Electronic Equipment - Component

[See General Information for Fixed Capacitors for Use in Electronic Equipment - Component](#)

TENTA ELECTRIC INDUSTRIAL CO LTD

E222911

61 LANE 86 TZU CHIANG 2 ST
 TAICHUNG HARBOR KWAN LINE IND DISTRICT
 WU CHI, TAIWAN

Fixed Capacitors

Type Dsg	Capacitor Class	Voltage Rating (V)	Capacitance (μF) (Tolerance)\$	Resistance for RC Devices (ohms)	Lower Temp (°C)	Upper Temp (°C)
MEX, MEY or MEX/Y	X2	250/275 ac	0.001-4.7, +/-20%	—	-40	+100
MEX	X2	310 ac	0.01μF ~ 2.2μF, K(+/-10%), or M(+/-20%)	—	-55	+110

Note \$: the model code may be followed by J for □5%, K for □10% or M for □20%.

Marking: Company name or trademark  ,  or **TENTA** and type designation.
 Last Updated on 2013-12-27

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FOWX8.E222911

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

[Page Bottom](#)

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

[See General Information for Fixed Capacitors for Use in Electronic Equipment Certified for Canada - Component](#)

TENTA ELECTRIC INDUSTRIAL CO LTD


E222911


61 LANE 86 TZU CHIANG 2 ST
TAICHUNG HARBOR KWAN LINE IND DISTRICT
WU CHI, TAIWAN

Fixed Capacitors

Type Dsg	Capacitor Class	Voltage Rating (V)	Capacitance (μF) (Tolerance)\$	Resistance for RC Devices (ohms)	Lower Temp (°C)	Upper Temp (°C)
MEX, MEY or MEX/Y	X2	250/275 ac	0.001-4.7, +/-20%	—	-40	+100
MEX	X2	310 ac	0.01μF ~ 2.2μF, K(+/-10%), or M(+/-20%)	—	-55	+110

Note \$: the model code may be followed by J for □5%, K for □10% or M for □20%.

Marking: Company name or trademark  ,  or **TENTA** , type designation and Recognized

Component Mark for Canada  .

[Last Updated](#) on 2013-12-27

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접수번호 : 14-047735-01
(Receipt No.)



전기용품 안전인증서

Electrical Appliances Safety Certificate

안전인증번호 : SU03019-5001B
(Certificate No.)

제조사명 : Shenzhen Tenta Electrical Appliance Ltd.
(Manufacturer)

대표자명 : Zhao Zhong Mei
(President)

제조공장의 주소 : NO.A5,Fu Qiao 4th Industrial area,Qiaotou community,Fuyong
(Factory Address) street,BAO AN district,shen zhen

제품명 : X캐패시터
(Product) (X-Capacitor)

기본모델명 : MEX(0.1to 0.33uF)
(Basic Model)

정격 : 275VAC 50/60Hz 0.1uF,0.12uF,0.15uF, 0.18uF, 0.22uF, 0.27uF 40/
(Rating) 100/21/C, X2

파생모델명 : Not Applicable
(Series Model)

적용기준 : K60384-14(2011-12)
(Standard)

「전기용품안전 관리법 시행규칙」 제6조제2항에 따라 위의 전기용품에 대하여 안전인증
서를 발급합니다.

We Issue Electrical Appliances Safety Certification as above product by Article 6 Sectio
n 2 of the Electrical Appliances Safety Control Law Enforcement Regulation.

2015년 04월 27일
Year month day



한국산업기술시험원장
KOREA TESTING LABORATORY



* 이 인증서는 「전기용품안전 관리법」에 따른 전기용품 안전성 확인에 한정된 것이며, 그 밖의 다른
법률이 적용되는 제품의 경우에는 해당 법률에 따라 추가로 인증·허가 등을 받아야 합니다.

- 첨부 :
(Annex)
1. 안전관리부품 및 재질목록 (List of Critical Components)
 2. 기본모델·파생모델의 내용 (Descriptions of the basic and series model)
 3. 전기용품안전인증의 변경 현황 (Revisions Status)

접수번호 : 14-047735-02
(Receipt No.)



전기용품 안전 인증서

Electrical Appliances Safety Certificate

안전인증번호 : SU03019-5002B
(Certificate No.)

제조사명 : Shenzhen Tenta Electrical Appliance Ltd.
(Manufacturer)

대표자명 : Zhao Zhong Mei
(President)

제조공장의 주소 : NO.A5,Fu Qiao 4th Industrial area,Qiaotou community,Fuyong street,BAO AN district,shen zhen
(Factory Address)

제품명 : X캐패시터
(Product) (X-Capacitor)

기본모델명 : MEX(0.39to 1uF)
(Basic Model)

정격 : 275VAC 50/60Hz 0.39 μ F,0.47 μ F,0.56 μ F,0.6 μ F,0.68 μ F, 0.82 μ F,
(Rating) 1.0 μ F, 40/100/21/C, X2

파생모델명 : Not Applicable
(Series Model)

적용기준 : K60384-14(2011-12)
(Standard)

「전기용품안전 관리법 시행규칙」 제6조제2항에 따라 위의 전기용품에 대하여 안전인증서를 발급합니다.

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 3. 전기용품안전인증의 변경 현황 (Revisions Status)

접수번호 : 14-047735-03
(Receipt No.)



전기용품 안전인증서

Electrical Appliances Safety Certificate

안전인증번호 : SU03019-8001B
(Certificate No.)

제조사명 : Shenzhen Tenta Electrical Appliance Ltd.
(Manufacturer)

대표자명 : Zhao Zhong Mei
(President)

제조공장의 주소 : NO.A5,Fu Qiao 4th Industrial area,Qiaotou community,Fuyong street,BAO AN district,shen zhen
(Factory Address)

제품명 : X캐패시터
(Product) (X-Capacitor)

기본모델명 : MEX(1.2 μ F-2.2 μ F)
(Basic Model)

정격 : 275VAC 1.2uF-2.2uF
(Rating)

파생모델명 : Not Applicable
(Series Model)

적용기준 : K60384-14(2011-12)
(Standard)

「전기용품안전 관리법 시행규칙」 제6조제2항에 따라 위의 전기용품에 대하여 안전인증서를 발급합니다.

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产品认证证书

证书编号: CQC03001003039

申请人名称及地址

深圳天泰电器元件有限公司
深圳市南山区沙河中国原子能工业(深圳)公司第二工业区

制造商名称及地址

深圳天泰电器元件有限公司
深圳市南山区沙河中国原子能工业(深圳)公司第二工业区

生产企业名称及地址

深圳天泰电器元件有限公司宝安分厂 (V001302)
深圳市宝安区福永街道桥头宝安大道侧A5栋

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

MEX系列 X2类 275VAC 0.001 μ F~4.7 μ F

产品标准和技术要求

GB/T14472-1998

认证模式

产品型式试验+初次工厂检查+获证后监督

上述产品符合CNCA-V01-010: 2003认证规则的要求, 特发此证。

发证日期: 2015年01月21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。

本证书为变更证书, 证书首次颁发日期: 2003年01月13日

经中国合格评定国家认可委员会认可 CNAS C001-P

主任: _____



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>

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