

# 承認書

Specification for approval

版本	描述	日期


客户  
 CUSTOMER

**嘉立创**

品名  
 PART NAME                      MEX-X2                      275V AC    ±10% (K)

天泰料号  
 TENTA Material Number

客户料号  
 CUSTOMER Material Number

承認印 APPROVAL STAMP					
製造商 Manufacturer			客戶 Customer		
					
编制/Edition	检查/Checked	确认/Confirmed	承认/Admit	审核/Auditing	批准/Approved
陆伟	徐志钦	杨再军			

天泰電機工業有限公司  
 TENTA ELECTRIC INDUSTRIAL CO., LTD.

台中縣梧棲區自強二街 86 巷 61 號  
 NO. 61, Lane 86, Tzchiang 2st St. Wu-Chi Township, Taichung County 435, TAIWAN R.O.C  
 TEL: (886-04) 26398618 FAX: (886-04) 26392549

深圳天泰電器元件有限公司  
 SHEN ZHEN TENTA ELECTRICAL APPLIANCE LTD.

公司: 深圳市南山區白石洲中國原子能第二工業區第二棟六樓  
 6/F NO.2, Pirector Atom 2th Industry, Baishizhou, Shenzhen, CHINA  
 TEL: (0755) 86327963、26921158 FAX: (0755) 86297411  
 工厂: 深圳市寶安區福永街道橋頭社區富橋第四工業區 A5 棟  
 No. A5, FU Qiao 4th Industrial area, Qiaotou Community, Fuyong Street, Bao An District, Shen Zhen  
 TEL: (0755) 29604898 FAX: (0755) 29604891

# TENTA ELECTRIC INDUSTRIAL CO., LTD.

MAIN INTERFERENCE SUPPRESSION CAPACITOR CLASS X<sub>2</sub>.....MEX--X<sub>2</sub>

## SPECIFICATION:

### 1. REFERENCE STANDARDS:

VDE EN 60384-14,

ENEC IEC 60384-14,

KC APPLIED STANDARD: K60384-14 (CAPACITANCE AREA 0.1 to 2.2uF)

CQC THE STANDARDS FOR THE PRODUCTS TO BE TESTED: GB/T14472-1998

UL UL60384-14 (250V/275V AC)

USED FOR ACROSS-THE-LINE CAPACITORS,

ANTENNA-COUPLINE,

LINE-BY-PASS COMPONENTS,

RADIO INTERFERENCE SUPPRESSION,

ELECTROMAGNETIC INTERFERENCE FILTERS.

### 2. RATED VOLTAGE:

275V AC 50/60 Hz

### 3. CAPACITANCE RANGE:

0.001μF to 2.2 μF

### 4. CAPACITANCE TOLERANCE:

± 5% (J) ± 10% (K) ± 20% (M)

### 5. DIELECTRIC:

METALLIZED POLYPROPYLENE FILM

### 6. DISSIPATION FACTOR $\tan \delta$ :

LESS THAN 0.1% AT 1 kHz AND 20°C

### 7. INSULATION RESISTANCE:

BETWEEN ELECTRODES

(1) LESS THAN OR EQUAL TO 0.33 μ F  $\geq$  15000 MΩ

(2) GREATER THAN 0.33 μ F  $\geq$  5000s/uF

MEASURED AT 100VDC, 60 SEC. AND 20°C

8. WITHSTAND VOLTAGE:

APPLIED 1183V.DC FOR 60 SEC. OR 2000V.DC FOR 1 SEC

9. CLIMATE CATEGORY: IN ACCORDANCE WITH DIN40040 GMF

G (MINIMUM LIMIT TEMPERATURE)= -40°C

M (MAXIMUM LIMIT TEMPERATURE)= +100°C

F (HUMIDITY CATEGORY)=AVERAGE RELATEIVE HVMIDITY  $\cong$  75%, 95% FOR 30  
DAYS PER YEAR, CONTINUOUSLY; 85% FOR THE  
REMATINING DAYS, OCCASIONALLY

10. HUMIDITY TEST:

TEST CONDIDITON

TEST TEMPER ATURE :  $40 \pm 2^\circ\text{C}$   
RELATIVE HUMIDITY : 90 TO 95%  
TEST DURATION : 500 HRS

TEST CRITERIA

(1) CAPACITANCE DRIFT :  $\cong$  5% OF THE INITIAL VALUE  
(2) INSULATION RESISTANCE :  $\cong$  50% OF SPECIFIED VALUE

11. LIFE TEST:

TEST CONDITION

TEST TEMPERATURE :  $100 \pm 3^\circ\text{C}$   
TEST VOLTAGE : 343VAC AND 1000VDC 60HZ FOR A PERIOD OF  
0.1 SEC. ONCE EACH HOUR  
TEST DURATION : 1008 HRS

TEST CRITERIA

(1) CAPACITANCE DRIFT :  $\cong$  10% OF THE INITIAL VALUE  
(2) INSULATION RESISTANCE :  $\cong$  50% OF SPECIFIED VALUE  
(3) VISUAL INSPECTION : NO DETECTABLE DAMAGE

12. SOLDERABILITY:

TEST CONDITIONS

SOLDER BATH TEMPERATURE :  $260 \pm 5^\circ\text{C}$   
SOLDER : sn/cu=99.3%/0.7%  
SOLDER TIME :  $3 \pm 0.5$  SEC

TEST CRITERIA

75% OF THE SURFACE TINNING

13. VIBRATION RESISTANCE: (JIS 5115)

TEST CONDITIONS

FREQUENCY CYCLE : 1 MINUTE PER CYCLE 10-55-10 HZ

TEST DURATION : PERPENDICULAR DIRECTION WITH THE SAME  
METHOD FOR 45 MINUTES EACH, TOTAL 90 MINUTES

TEST CRITERIA

(1) APPEARANCE : NO VISUAL DAMAGE

(2) CONTACT : NORMAL

14. TENSILE STRENGTH OF ELECTRODES:

TEST CONDITIONS

LOAD CONDITIONS : 1.0KGS

HOLDING TIME :  $10 \pm 1$  SEC

TEST CRITERIA

NO WIRE BROKEN AND NO DAMAGE OF THE CAPACITOR

15. MARKING:

CAPACITORS ARE MARKED WITH TYPE IDENTIFICATION, CAPACITANCE,  
CAPACITANCE TOLERANCE, VOLTAGE AND APPROVED CERTIFICATION MARK

16. APPROVED BY: VDE;ENEC16,EK,CQC; UL;

VDE FILE NO. 119119

ENEC FILE NO. 2014032 A1

KC FILE NO. SU03019-5001B-5002B-8001B

CQC FILE NO. CQC03001003039

UL FILE NO. E222911




17. 印字說明:

 MEX/TENTA MKP  
0.33uF K X2

275VAC 40/100/21

EN 60384-14 xx-xx 250VAC

 TENTA: 天泰商標

MEX: 产品类型

X2: 产品名称

MKP: 材质

0.33uF: 標準容量

K: 標準容量允差值±10%


275VAC: 額定電壓

40/100/21:


40: 表示电容能承受的下限类别温度为-40°C


100: 表示电容能承受的上限类别温度为 100°C


21: 表示穩態濕熱的持續時間 21 天

 : 德国安规认证

 : 欧盟安规认证

 : 韩国安规认证

 : 中国安规认证

 : 美國證符號及電壓  
250VAC

EN60384-14: 行业标准编号

XX-XX: 月期-年期

备注: 以此为例, 不同规格随着容量不同, 其测试后标准容量与标准容量部分 (划线部位) 也随着改变  
容量大于或等于 0.1UF 的有 KC 认证, 小于 0.1UF 的没有 KC 认证。

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Film Capacitors](#) category:*

*Click to view products by [TENTA](#) manufacturer:*

Other Similar products are found below :

[F339X134748MIP2T0](#) [F450KG153J250ALH0J](#) [750-1018](#) [FKP1-1500160010P15](#) [FKP1R031007D00JYSD](#) [FKP1R031507E00JYSD](#)  
[FKP1U024707E00KYSD](#) [82DC4100CK60J](#) [82EC1100DQ50K](#) [PFR5101J100J11L16.5TA18](#) [PME261JB5220KR19T0](#) [A451GK223M040A](#)  
[A561ED221M450A](#) [QXJ2E474KTPT](#) [QXL2B333KTPT](#) [R49AN347000A1K](#) [EEC2G505HQA406](#) [B25668A6676A375](#) [B25673A4282E140](#)  
[BFC233868148](#) [BFC2370GC222](#) [C3B2AD44400B20K](#) [C4ASWBU3220A3EK](#) [CB027C0473J--](#) [CB177I0184J--](#) [CB182K0184J--](#) [23PW210](#)  
[950CQW5H-F](#) [SBDC3470AA10J](#) [SCD105K122A3-22](#) [2N3155](#) [A571EH331M450A](#) [FKP1-2202KV5P15](#) [FKS3-680040010P10](#)  
[QXL2E473KTPT](#) [445450-1](#) [B25669A3996J375](#) [46KI322000M1M](#) [46KR415050M1K](#) [4BSNBX4100ZBFJ](#) [MKP383510063JKP2T0](#)  
[MKPY2-.02230020P15](#) [MKT 1813-368-015](#) [4055292001](#) [46KN410000N1K](#) [EEC2E106HQA405](#) [EEC2G205HQA402](#) [EEC2G805HQA415](#)  
[P409CP224M250AH470](#) [82EC2150DQ50K](#)