

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			客户 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			

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TENTA ELECTRIC INDUSTRIAL CO., LTD.

MAIN INTERFERENCE SUPPRESSION CAPACITOR CLASS X₂.....MEX--X₂

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 M Ω

(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 ± 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 ± 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。

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