



旭程电子（深圳）有限公司

XC Electronics (ShenZhen) Corp.,Ltd.

产品承认书

SPECIFICATION FOR APPROVAL

客户:

CUSTOMER:

HQ. XC

品名:

PRODUCT NAME:

5*20 玻璃慢断双帽保险管 (环保产品)

5*20 GLASS SLOW BLOW FUSE (Green Product)

型号规格:

MODEL:

5T 系列 10A/250V

5T SERIES 10A/250V

客户物料编码:

CUSTOMER PART NUMBER:

物料编码:

PART NUMBER:

026. 210020056

产品标识:

PRODUCT MARK:

T10L250V



编制 PREPARED BY	审核 CHECKED BY	批准 APPROVED BY
Xinyao Qu 2026-3-6		

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供方签章:

SUPPLIER:

日期:

DATE:



客户签章:

CUSTOMER:

日期:

DATE:

备注: 承认签章后请回复一份承认书 (或复印件) 给我司, 其余由贵司存档。

Note: After confirming and stamping, please return it to our company and filing.

旭程电子(深圳)有限公司

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变更记录表

Change Record

序号 NO.	日期 Date	修改内容 Change Description	版本 REV.
1	2026-3-6	新版发行/New version	1.0
2			
3			
4			
5			
6			
7			
8			
9			
10			

产品规格书

Fuses Specification

1. 适用范围 (Available range) :

本保险丝适用于保护家用电器，电子仪器，电源供应器、显示器等。

For protecting instruments, power supply devices and telephone sets etc.







2. 型号定义解释 (Model meaning) :

5F: 快断系列产品 (5F: Quick Blow Fuses)

5T: 慢断系列产品 (5T: Slow Blow Fuses)

3. 相关标准 (Safety Standards) : GB9364 IEC60127

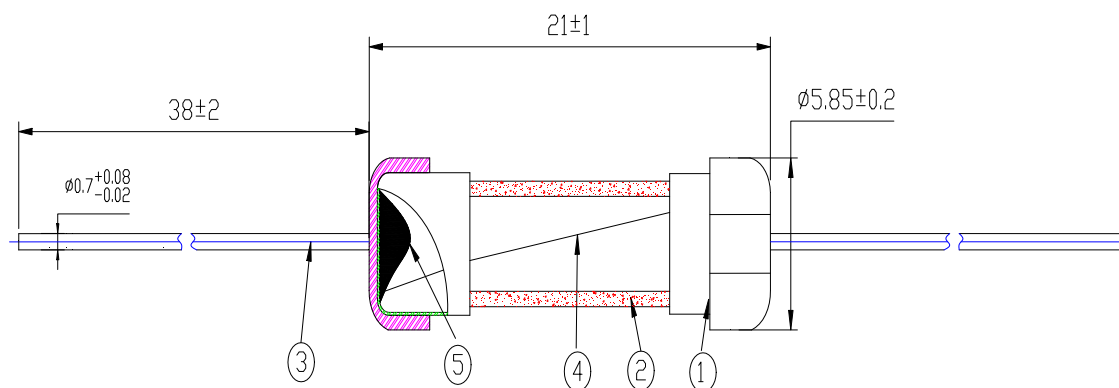
通过认证 (Approved file No) :

机构 Agency	机构文件编号 Agency File Number	电压/电流额定值 Voltage/ Current Rating
	E249609	250V AC: 0.25A~20A
	CCC:2020970207000085	250V AC:250mA, 315mA, 400mA, 500mA, 630mA, 800mA, 1A, 1.25A, 1.6A, 2A, 2.5A, 3.15A, 4A, 5A, 6.3A
	CQC06012017057	250V AC:8A, 10A, 12.5A, 16A, 20A
	PSE:JET5173-31003-2004	250V AC: ≤5A
	40009610	250V AC:250mA, 315mA, 400mA, 500mA, 630mA, 800mA, 1A, 1.25A, 1.6A, 2A, 2.5A, 3.15A, 4A, 5A, 6.3A, 8A, 10A
	KC:SU05031-10020 KC:SU05031-10025 KC:SU05031-10024 KC:SU05031-10019	250VAC:250mA, 315mA, 400mA, 500mA, 630mA, 800mA, 1A, 1.25A, 1.6A, 2A, 2.5A, 3.15A, 4A, 5A, 6.3A, 8A, 10A

4. 尺寸与结构(Size and Structure) :

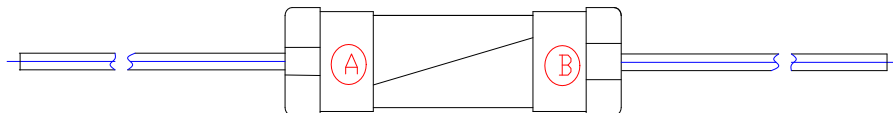
4.1 外形、结构及尺寸(The out view, construction and dimensions):


参考下图 Refer to the following figure.



编号 No.	部件 Part Name	材料 Material	备注 Remarks
①	铜帽 Brass Cap	镀镍黄铜 Nickel plated copper	
②	玻璃管 Glass Tube	玻璃 Glass	
③	带线 Pigtail	镀锡铜线 Tin Plated Copper	仅带脚系列产品有 only for products with pigtails
④	熔丝 Fuse Element	合金 Alloy	
⑤	焊锡 Solder	锡线 (Sn99.3%Cu0.7%) Solder wire(Sn99.3%Cu0.7%)	RoHS

4.2 型号及标示 (Model and indication)



型号 Model	A 表示 Indication A	B 表示 Indication B	备注 Remarks
	额定电压/电流 Rated Voltage/Current	商标. 品名. 认证 Trademark. Type. Approved mark	认证号 Approval No.
5T Series	T10L250V		VDE:40009610 CQC:06012017057 UR:E249609 KC:SU05031-10019

4.3 玻璃管 (Glass Tube)

管体本体无破裂、缺损等现象，玻璃管产品须透明易辨其内部的可熔体。

The tube shall have no defects such as crack, injury and contamination. For glass tube, transparent glass in which the melting wire is clear and perceptible.

4.4 铜帽 (Brass caps)

铜帽应焊接牢固，以保证在未损坏熔断体时，铜帽不能被卸脱。铜帽表面镀层应结实，端帽两端均可承受大小至少为 5N、保持 1min 的轴向拉力。

The cap should be firmly attached so that it is not possible to remove them without damaging the fuse itself. The plated material should be firm. Each of the cap should be bear an axial pull of 5N for 1min.



4.5 焊点 (Soldering joint)

焊接铜帽端时，残留的助焊剂及焊锡等异物不应超出铜帽口和沾附在保险管外表面。

Soldering joint in end cap shall not melt during normal operation and shall not have solder clips on the tube, element in view and outer surface of caps.

4.6 引脚 (Lead)

保险管引脚应铆接牢固，作如下测试时，保险管引脚不应有松动或损坏：

The fuse-links lead should be firmly attached, At the conclusion of testing, the fuse-links lead shall remain firmly attached:

- 1) 拉力测试：固定保险管本体，对引脚施加 10N 的轴向拉力 1min。

Tensile: the force applied shall be 10N

- 2) 推力测试：固定保险管本体，对引脚施加 2N 的轴向推力 1min。

Thrust: the force applied shall be 2N

- 3) 弯折测试：距离铜帽约 2mm 的地方将引脚弯折 90° 一次，并且施加 5N 的拉力。

Bending: the force applied shall be 5N and the number of bends shall be one.

5. 机械特性 (Mechanical characteristics)

保险丝应能承受下列试验：

Fuses should endure both of the following tests:

- 5.1 扭力试验：固定保险丝的一端铜帽，然后在另一端铜帽上顺时针和逆时针方向上顺序施加 100g.cm 力矩，两端铜帽不应松动，管体也不应破碎。

Wresting test: Fixed one cap of the fuse, applied 100g.cm of torsion power in clockwise and counter-clockwise on the other cap, as a result, the tube shall be no damage and the cap should be no loosening.

- 5.2 拉力试验：固定保险丝的一端铜帽，然后在另一端铜帽上，沿水平轴方向施加 5N 的拉力 1min，两端铜帽不应松动且管体不应破碎。

Pulling test: Fixed one cap of the fuse, applied level pull force of 5N to the other cap for 1 minute, there shall be no damage with the tube and no loosening with the caps and the pigtails.

5.3 管子强度试验：两端铜帽固定好后，在管体的中心位置施加 10N 的压力，管体不应破碎。

Stress test: Fixed two caps of the fuse, applied the stress of 10N to the tube center, there shall be no damage with the tube.

6. 电气特性 (Electrical performance)

6.1 测试条件 (Testing Ambient)

测试条件都应在下列大气条件下进行：

All tests should be carried out under the following conditions:

- 温度 (Surrounding temperature) : 15°C~35°C;
- 相对湿度 (Relative humidity) : 45%~75%;
- 大气压力 (Atmosphere pressure) : $8.6 \times 10^4 \text{ Pa} \sim 1.06 \times 10^5$

6.2 时间/电流特性 (Time-current Characteristic)

型号类别 (Item No.)	150%	210%	275%
5T 系列 5T Series	>30min	<120s	$\geq 600\text{ms}$ $\leq 10\text{s}$

代码 Amp Code	额定电流 Rated Current	最大电 压 Max. Voltage	最大电压 降 Max. Voltage Drop (mV)	最大功耗 Max. Power Dissipation (W)	I ² t 平均参 考值 Nominal Melting I ² t (A ² sec) ±20%	分断能力 Breaking Capacity	机构认证 Approvals						
							VDE	cURus	CCC	PSE	KC	CQC	TUV
2100	10.0A	250V AC	100	4	480	100A@250V AC	●	●			●	●	

每一次测试，保险管能安全动作，不能出现以下现象：

In each of the tests, the fuse-link shall operate satisfactorily without any of the following phenomena:

- 持续电弧;
- permanent arcing;

-引燃;





-ignition;

-保险管爆炸;

-Bursting of the fuse-link.

注意：颜色改变不认为是不合格.

NOTE: changes in color are not considered as a failure.

型号 Model	额定电流 Rated Current	安全认证分断电流 Safe attestation Breaking current
		   
5T 系列 5T Series	$I_n \leq 3.15A$	35A @250V AC
	$I_n > 3.15A$	10In @250V AC

6.3 耐久性试验 (Endurance test)

1) 对保险丝通过 1.2 倍额定电流 1 小时，然后切断 15 分钟，重复此循环 100 次。

A current 1.2 In is passed through the fuse-link for a period of 1h. The current is then switched off for a period of 15 min. The cycle is repeated 100 times.

2) 然后对熔断体通以 1.5 倍额定电流 30 分钟。

A current 1.5In is then passed through the fuse-link for 30 minutes.

3) 测量熔断体两端的电压降，试验后，熔断体两端的电压降的增大量不大于试验前测得值的 10%。

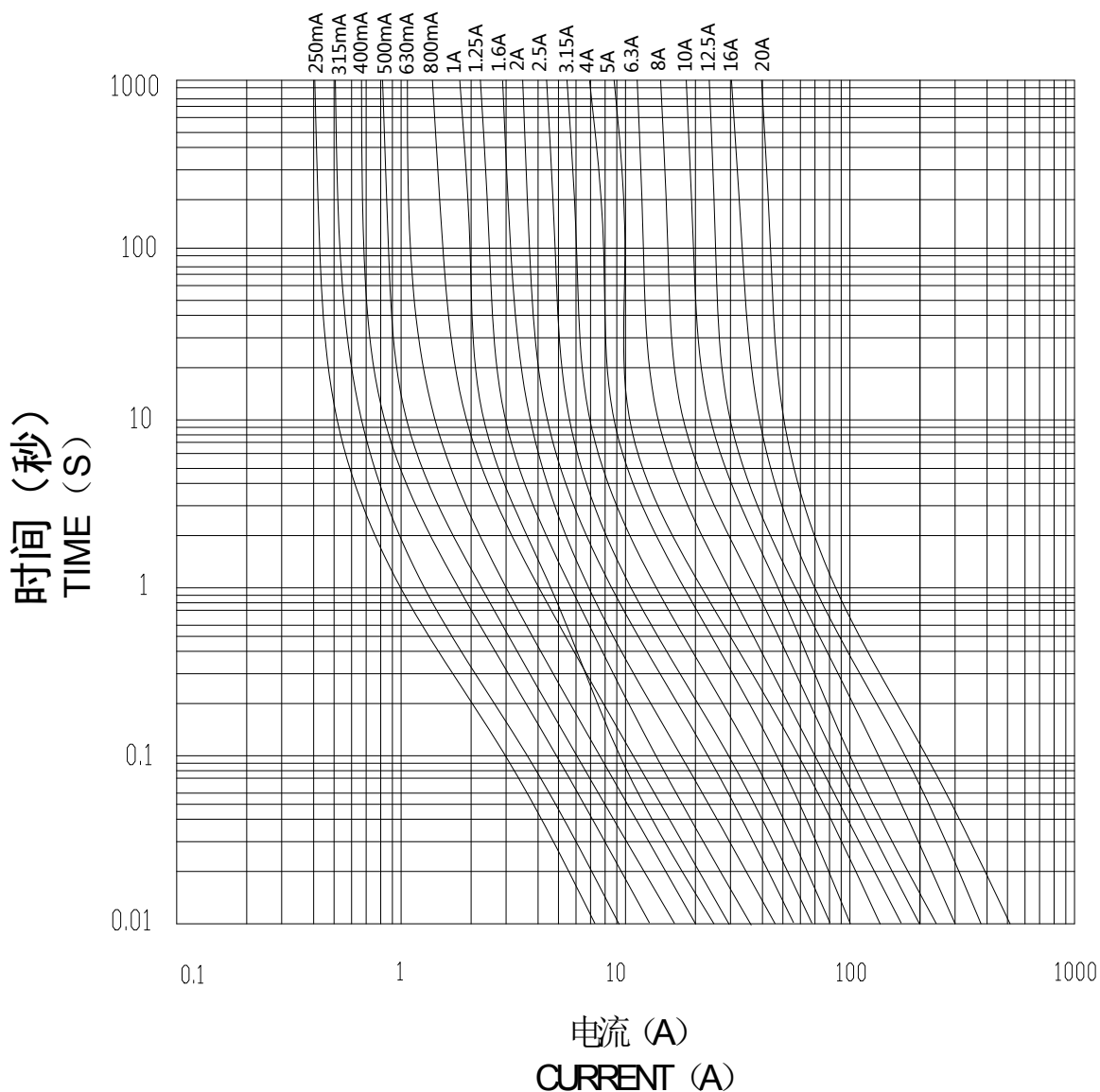
Finally, the voltage drop across the fuse-link is measured. The voltage drop across the fuse-link after the test shall not have increased by more than 10% of the value measured before the test.

4) 试验后，标记仍应清晰可辨，而且诸如端帽上的焊点不应出现任何明显的劣变。

After the test,the marking shall still be legible and soldered joints on end caps,for example,shall not show and appreciable deterioration.

6.4 时间电流特性曲线图 (Time-current curves)

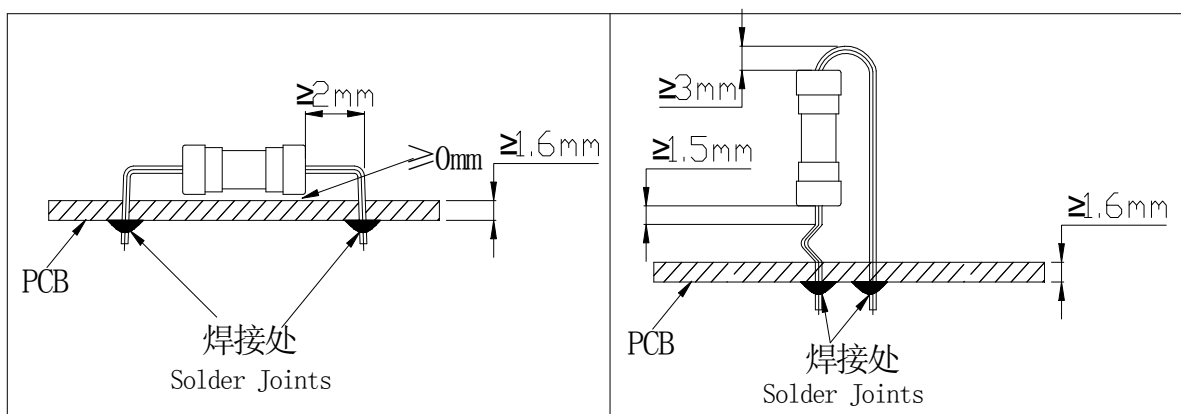
5T I-T Average Characteristics Curves(For Reference)



7. 安装方式及条件 Installation Way and Parameters

7.1 建议如下图安装方式安装

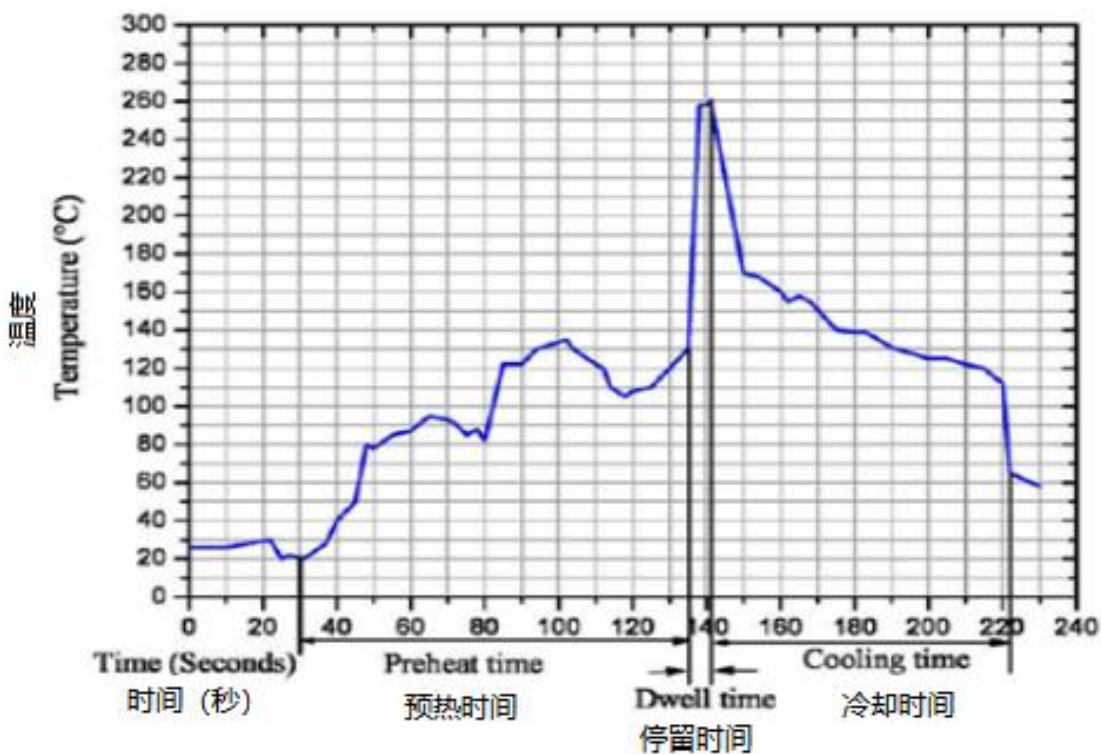
Propose that the following picture installation way is installed



7.2 环保焊接条件 Soldering conditions (RoHS)

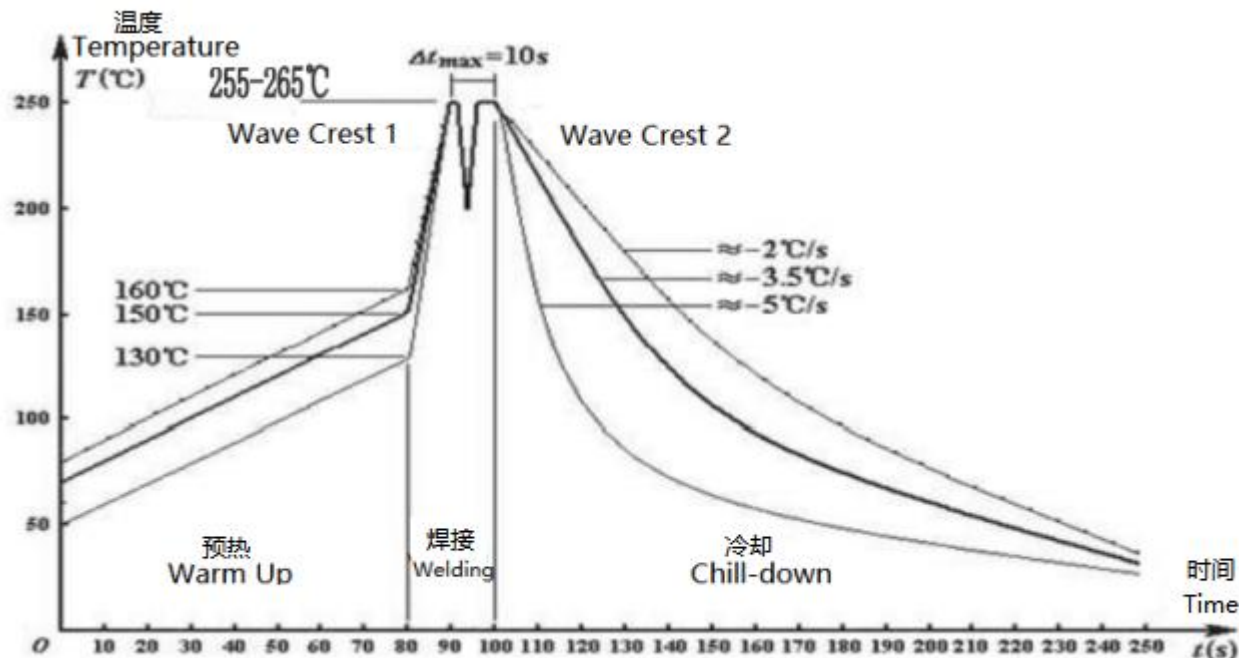
波峰焊/Wave solder: 260°C, ≤5S

手工焊/Hand solder: 360°C, ≤1S



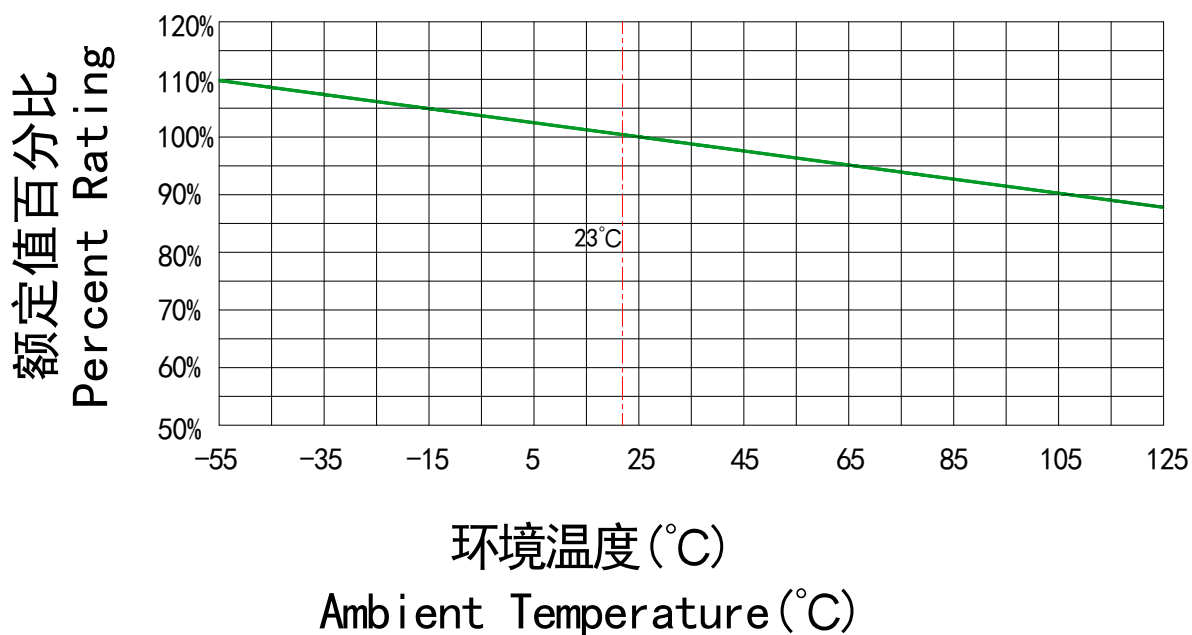
焊接峰值：Soldering Peak:

260±5°C-10 秒/260±5°C - 10 sec



8. 环境特性 Environmental characteristic

8.1 温度-电流负荷比曲线 Temperature-Current Curve



理想保险丝选择的计算

$$\text{Calculation for ideal fuse selection} = \frac{\text{Operating Current (A)}}{\text{Rating (\% \times 0.9)}}$$

8.2 工作温度/Operating temperature : $-55^{\circ}\text{C}\sim 125^{\circ}\text{C}$

8.3 贮存条件 Storage conditions

贮存温度/Storage temperature: $5^{\circ}\text{C}\sim 35^{\circ}\text{C}$

贮存湿度/Storage humidity: $25\%\sim 85\%$

贮存周期/Storage time: 6 months

9. 信赖性试验 (Reliability test)

项目/Item	试验要求/Test Requirement	试验条件/Test Condition
高低温试验 High & low Temperature Test	试验后保险管的电阻变化率小于 10%，熔断特性符合要求。 The resistance change rate of the fuse tube after the test is less than 10%, and the melting characteristics meet the requirements.	测试高温: 85°C , 测试时间: 48h Test high temperature: 85°C , Test time: 48h; 测试低温: -20°C , 测试时间: 48h Test low temperature: -20°C , Test time 48h
高湿试验 High Humidity Test	试验后保险管的电阻变化率小于 10%，熔断特性符合要求。 The resistance change rate of the fuse tube after the test is less than 10%, and the melting characteristics meet the requirements.	测试温度: 85°C , 测试湿度: 95%. 测试时间: 96h Test temperature: 85°C , Test humidity; 95% Test time: 96h
落下、冲击实验 Falling Shock Test	铜帽应固定牢固，以保证在未损坏熔断体时，铜帽不能被卸下，铜帽表面镀层应牢固不易脱落，每个端帽应能经受专用的设备外加轴向拉力 5N，保持 1 分钟，玻璃管必须无缺陷破裂和缺损。试验后保险管的电阻变化率小于 10%，熔断特性符合要求。 Cap should be firmly attached so that it is not possible to remove them without damaging the fuse itself. The means of attachment shall be sufficient to withstand an axial pull of 5N applied to each cap for 1 minute. The cap shall be nickel plated firmly. The glass tube shall have no defects such as crack and injury. The resistance change rate of the fuse tube after the test is less than 10%, and the melting characteristics meet the requirements.	保险管从 152cm 高自由落下，跌落 5 次。 Falling Height: 152cm Falling Times: 5
振动试验 Vibration	试验后保险管的电阻变化率小于 10%，熔断特性符合要求。 The resistance change rate of the fuse tube after the test is less than 10%, and the melting characteristics meet the requirements.	振幅 1.5mm, 频率 10~55~10HZ, 时间 2 小时 Amplitude; 1.5mm, Frequency: 10 ~ 55 ~ 10HZ, Test time ; 2h

10. 产品标志 (Marking)

10.1 保险丝上的标志应易于看清。

The marking on fuse shall be indelibly marked on the end cap and easily visible.

10.2 每个保险丝标记应包含下列内容：

The symbol for every fuse shall be as prescribed below:

1) 额定电流 (Rated current): 10A

2) 额定电压 (Rated voltage): 250V

3) 型号 (Model): 5T

4) 安全认证标志 (Safety mark logo):    

5) 厂标 (Trade mark): 

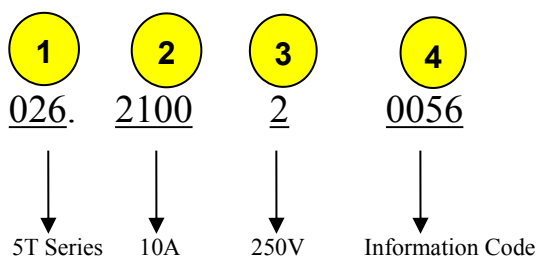
11. 包装 (500PCS/包、500PCS/盒、5000PCS/箱) 仅供参考, 以实际数量为准.

Packaging (500PCS/Bag、500PCS/Box、5000PCS / External Carton)



12. 料号解释/Part No. description

026. 210020056



- 1 . 产品系列 Product Series 026(5T) (见下表 12.1 See table 12.1 below)
- 2 . 额定电流 Ampere Rating 10A (见下表 12.1 See table 12.1 below)
- 3 . 额定电压 Rated Voltage 1 - 125V (见下表 12.1 See table 12.1 below)
- 2 - 250V
- 3 - 32V
- 4 - 350V
- 5 - 400V
- 6 - 300V
- 4 . 补充码 Supplementary Code

12.1 产品系列/额定电流/额定电压 Product Series /Ampere Rating/ Rated Voltage

产品系列 Product Series			额定电流 Ampere Rating		额定电压 Rated Voltage
06F (001)	5SH (024)	13FV (063)	0125 (125mA)	1630 (6. 3A)	1 (125V)
06T (002)	5F (025)	14C (064)	0160 (160mA)	1700 (7A)	2 (250V)
12F (003)	5T (026)	50H (065)	0200 (200mA)	1800 (8A)	3 (32V)
12T (004)	5C (027)	38C (066)	0250 (250mA)	2100 (10A)	4 (350V)
24F (005)	5H (028)	40H (067)	0315 (315mA)	2120 (12A)	5 (400V)
24T (006)	6G (029)	21H (068)	0375 (375mA)	2125 (12. 5A)	6 (300V)
32F (007)	6S (030)	10H (069)	0400 (400mA)	2150 (15A)	7 (500V)
32T (008)	6F (031)	50C (070)	0500 (500mA)	2160 (16A)	8 (380V)
5TR (009)	6C (032)	70H (078)	0630 (630mA)	2200 (20A)	9 (450V)
4TE (010)	6H (033)	30H (079)	0750 (750mA)	2250 (25A)	A (600V)
5TE (011)	5CH (034)	54H (081)	0800 (800mA)	2300 (30A)	B (660V)
8TE (012)	6CH (035)	60H (082)	1100 (1A)	2350 (35A)	C (1000V)
2F (013)	10C (036)	74H (083)	1125 (1. 25A)	2400 (40A)	D (24V)
2T (014)	10FV (037)	9F (087)	1150 (1. 5A)	2450 (45A)	E (63V)
3G (015)	6T (038)	6FV (090)	1160 (1. 6A)	2500 (50A)	F (5000V)
3S (016)	5CP (039)		1200 (2A)	3100 (100A)	G (690V)
3F (017)	6GP (041)		1250 (2. 5A)	3115 (115A)	H (240V)
3T (018)	9C (042)		1300 (3A)	3120 (120A)	I (750V)
4F (019)	5FE (043)		1315 (3. 15A)	3125 (125A)	J (80V)
4T (020)	6B (044)		1350 (3. 5A)	3130 (130A)	K (800V)
5G (021)	9L (053)		1400 (4A)	3135 (135A)	L (1250V)
5S (022)	17C (061)		1500 (5A)	3200 (200A)	M (1500V)
5GH (023)	22C (062)		1600 (6A)	3250 (250A)	P (220V)

ZEICHENGENEHMIGUNG MARKS APPROVAL

XC Electronics (Shen Zhen)
Corp. Ltd.
Bldg. 11, Jingyuan Ind. Zone
Henggang Town, Longgang Distr.
518115 SHENZHEN
CHINA

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

G-Sicherungseinsatz
Cartridge fuse-link

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 60127-1 (VDE 0820-1):2015-12; EN 60127-1:2006+A1:2011+A2:2015

DIN EN 60127-2 (VDE 0820-2):2015-07; EN 60127-2:2014

IEC 60127-1:2006

IEC 60127-1:2006/AMD1:2011

IEC 60127-1:2006/AMD2:2015

IEC 60127-2:2014



Aktenzeichen: 5003281-1170-0002 / 237228

File ref.:

Ausweis-Nr. 40009610

Blatt 1

Certificate No.

Page

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

Offenbach, 2004-03-09

(letzte Änderung / updated 2017-06-30)

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

M. Tesotti

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>

VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Blatt /
Certificate No. / Page
40009610 / 2

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

XC Electronics (Shen Zhen) Corp. Ltd., Bldg. 11, Jingyuan Ind. Zone, Henggang Town, Longgang Distr., 518115
SHENZHEN, Guangdong, CHINA

Aktenzeichen / File ref.

5003281-1170-0002 / 237228 / CC2 / EUL

letzte Änderung / updated

2017-06-30

Datum / Date

2004-03-09

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40009610.

This supplement is only valid in conjunction with page 1 of the Certificate No. 40009610.

G-Sicherungseinsatz Cartridge fuse-link

Typ(en) / Type(s)

5T

Bemessungsspannung
Rated voltage

AC 250 V

Bemessungsstrom
Rated current

250 mA; 315 mA; 400 mA; 500 mA;
630 mA; 800 mA; 1 A; 1,25 A; 1,6 A; 2 A;
2,5 A; 3,15 A; 4 A; 5 A; 6,3 A; 8 A; 10 A

Normblatt
Standard sheet

3

Maße in mm
Dimension in mm

5 x 20

Kennzeichnung der Charakteristik
Characteristic symbol

T

Kennzeichnung des Ausschaltvermögens
Breaking capacity symbol

L

Bemessungsausschaltvermögen
Rated breaking capacity

35 A bzw. 10 x I_n
35 A resp. 10 x I_n

Zeit/Strom-Charakteristik
Time/current-characteristic

träge
time-lag

Fortsetzung siehe Blatt 3 /
continued on page 3



VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Blatt /
Certificate No. / Page
40009610 3

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

XC Electronics (Shen Zhen) Corp. Ltd., Bldg. 11, Jingyuan Ind. Zone, Henggang Town, Longgang Distr., 518115
SHENZHEN, Guangdong, CHINA

Aktenzeichen / File ref.

5003281-1170-0002 / 237228 / CC2 / EUL

letzte Änderung / updated

2017-06-30

Datum / Date

2004-03-09

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40009610.

This supplement is only valid in conjunction with page 1 of the Certificate No. 40009610.

Anmerkung

Wahlweise mit Drahtanschlüssen
(nur 500mA; 1A; 1,6A; 2A und 3,15A bis 10A)

Remark

Optional with lead wires
(only 500mA; 1A; 1,6A; 2A and 3,15A up to 10A)

Dieser Zeichengenehmigungs-Ausweis bildet eine Grundlage für die EG-Konformitätserklärung und CE-Kennzeichnung durch den Hersteller oder dessen Bevollmächtigten und bescheinigt die Konformität mit den grundlegenden Schutzanforderungen der **EG-Niederspannungsrichtlinie 2014/35/EU**.

*This Marks Approval is a basis for the EC Declaration of Conformity and the CE Marking by the manufacturer or his agent and proves the conformity with the essential safety requirements of the **EC Low-Voltage Directive 2014/35/EU**.*

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
40009610

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

XC Electronics (Shen Zhen) Corp. Ltd., Bldg. 11, Jingyuan Ind. Zone, Henggang Town, Longgang Distr., 518115
SHENZHEN, Guangdong, CHINA

Aktenzeichen / File ref.

5003281-1170-0002 / 237228 / CC2 / EUL

letzte Änderung / updated

2017-06-30

Datum / Date

2004-03-09

Dieses Beiblatt ist Bestandteil des Zeichengenehmigungsausweises Nr. 40009610.

This supplement is part of the Certificate No. 40009610.

G-Sicherungseinsatz Cartridge fuse-link

Fertigungsstätte(n)
Place(s) of manufacture

Referenz/Reference
30014949

XC Electronics (Shen Zhen)
Corp. Ltd.
Bldg. 11, Jingyuan Ind. Zone
Henggang Town, Longgang Distr.
518115 SHENZHEN
Guangdong
CHINA

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Fachgebiet CC2
Section CC2



VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Infoblatt /
Certificate No. / Info sheet
40009610

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

XC Electronics (Shen Zhen) Corp. Ltd., Bldg. 11, Jingyuan Ind. Zone, Henggang Town, Longgang Distr., 518115
SHENZHEN, Guangdong, CHINA

Aktenzeichen / File ref.

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2017-06-30

Datum / Date

2004-03-09

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This supplement is only valid in conjunction with page 1 of the Certificate No. 40009610.

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.



UL iQ for Fuses



Fuses

E249609

Guide Information

XC ELECTRONICS (SHENZHEN) CORP LTD

BLDG 11, HEAO HENGGANG, JINYUAN INDUSTRY ZONE, SHENZHEN GUANGDONG 518115 CN

5T

Supplemental fuses: time delay, cartridge enclosed

<u>Size</u> <u>mm(in)</u>	<u>Amps</u> <u>(A)</u>	<u>Volts</u> <u>(V)</u>	<u>Interrupting</u> <u>Rating (A)</u>
5,2 x 20 (0,20 x 0,79)	0,25 - 0,315	250Vac	35
	0,5 - 8	250Vac	35
	1	250Vac	35
	1,6 - 3,15	250Vac	35
	4	250Vac	40
	5	250Vac	50
	6,3	250Vac	63
	0,4	250Vac	35
	1,25	250Vac	35
	8	250Vac	80
	10	250Vac	100
	12,5 - 20	250Vac	200

Report Date: 2004-10-14

Last Revised: 2018-02-08

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产品认证证书

证书编号: CQC06012017057

发证日期: 2025年10月16日
有效期至: 2030年10月15日

委托人名称 旭程电子(深圳)有限公司
及注册地址 深圳市坪山区坑梓街道金沙社区丹青路1号创新智造产业园1栋1701

制造商名称 旭程电子(深圳)有限公司
及注册地址 深圳市坪山区坑梓街道金沙社区丹青路1号创新智造产业园1栋1701

生产企业名称 惠州市东力科技有限公司
及生产地址 惠州市惠东县大岭街道惠东产业转移工业园

产品名称和系列、规格、型号 特殊应用的小型熔断体(管状)
5T 8A a.c. 250V、5T 10A a.c. 250V、5T 12.5A a.c. 250V、5T 16A a.c. 250V、5T 20A a.c. 250V
(额定分断能力: 10In, 主要尺寸: $\phi 5\text{mm} \times 20\text{mm}$)

产品标准和技术要求 GB/T 9364.1-2015; GB/T 9364.7-2016

认证模式 型式试验+初始工厂检查+获证后监督

上述产品符合 CQC11-462125-2018 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: 2006年08月08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。

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
CHINA QUALITY CERTIFICATION CENTRE





CERTIFICATE OF PRODUCT CERTIFICATION

CERTIFICATE NO.: CQC06012017057

Valid from: Oct.16,2025

Valid until: Oct.15,2030

NAME AND REGISTERED ADDRESS OF THE APPLICANT	XC Electronics (ShenZhen) Corp.,Ltd. 1701,Bldg 1, Innovation Industrial Park, No. 1 Danqing RD, Jinsha, Kengzi, Pingshan DIST, Shenzhen , Guangdong 518122 China
NAME AND REGISTERED ADDRESS OF THE MANUFACTURER	XC Electronics (ShenZhen) Corp.,Ltd. 1701,Bldg 1, Innovation Industrial Park, No. 1 Danqing RD, Jinsha, Kengzi, Pingshan DIST, Shenzhen , Guangdong 518122 China
NAME AND LOCATION OF THE FACTORY	Huizhou Dongli Technology Co., Ltd Huidong industrial park, Daling, Huidong, Huizhou, Guangdong 516300 China
PRODUCT NAME, MODEL AND SPECIFICATION	Miniature Fuse-links for Special applications 5T 8A a.c. 250V、5T 10A a.c. 250V、5T 12.5A a.c. 250V、5T 16A a.c. 250V、5T 20A a.c. 250V (额定分断能力：10In，主要尺寸:Φ5mm×20mm)
THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS	GB/T 9364.1-2015;GB/T 9364.7-2016
TYPE OF CERTIFICATION SCHEMES	Type testing of product + initial factory inspection + follow up factory inspection

This is to certify that the above mentioned product(s) complies with the requirements of certification rules of CQC11-462125-2018.

Date of original issued: Aug.08,2006

The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

The certificate information is available through the QR code below or CNCA's website: www.cnca.gov.cn



SIGNATURE:

谢肇煦



中国质量认证中心
CHINA QUALITY CERTIFICATION CENTRE



CHINA QUALITY CERTIFICATION CENTRE CO., LTD.
Section 9, No. 188, Nansihuan Xilu, Beijing 100070 P. R. China

Tel: +86 10 83886666
<http://www.cqc.com.cn>

접수번호 : 10-1920-6994
(Receipt No.)



전기용품안전인증서

Electrical Appliances Safety Certificate

안전인증번호 : SU05031-10019
(Certificate No.)

제조업자명 : XC Electronics(Shenzhen) Corp. Ltd.
(Factory)

대표자명 : Qibo Huang
(President)

제조공장위치 : Bldg.11, Jinyuan Ind. Zone, Henggang Town, Longgang Distr.
(Factory Address) 518115 Shen zhen Guangdong P.R.CHINA

제품명 : 퓨즈(Cartridge fuse-link)
(Product)

기본모델명 : 5T T8L250V
(Basic Model)

정격 : T8A, L, 250V
(Rating)

파생모델명 : 5T T10L250V
(Series Model)

적용기준 : K60127-1(2008-12), K60127-2(2006-11)
(Standard)

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

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

2010년 12월 29일
year month day

ktl

한국산업기술시험원

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 : 1. 안전관리부품 및 재질목록 (List of Critical Components)
(Annex) 2. 기본모델·파생모델의 내용 (General Descriptions of Certified Products)
3. 전기용품안전인증의 변경 현황 (Status of Certificate Revisions)

첨부 1 : 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 multifold listing or changing the items above, the certification revision shall be applied.

2. 인증변경신청 없이 임의로 변경하는 경우는, 전기용품안전관리법 제 8 조제 1 항의 규정에 의한 안전인증취소 사유가 될을 유의하시기 바랍니다.

The Safety Certification will be cancelled under the Safety Control Law for Electrical Appliances, Paragraph 1 of Article 8 if the contents of the Certification is altered without our authorization.

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

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
5T T10L250V	Rated current and Breaking capacity is changed (T10A, L, 250V, 100A)
제품특기사항 및 시험조건 Remarks & Test conditions	
<p>1. Test Report No. : 10-1920-6994 (2010.12.28.)</p> <p>2. Product Description</p> <ul style="list-style-type: none"> - 퓨즈 - T8L250V - Breaking capacity : 80A - Time-lag type, Low-breaking capacity - Standard sheet 3 	
<p><input type="checkbox"/> 본 제품의 시험내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 시험담당자 : 디지털산업본부 전기전자평가센터 조인철 / (02)860-1425</p> <p><input type="checkbox"/> <i>If you have any question on product testing, please contact the person below :</i> <i>Job holder : Digital Industry Division Electric & Electronics Testing Center, INCHUL CHO/+82 2 8601 425</i></p>	

FP511-09-00

첨부 3 : 전기용품안전인증의 변경 현황
Status of Certificate Revisions

변경발급 내용 Contents of Certificate Revisions
Not applicable

FP511-11-00