

Table of selection parameters

[illegible]



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):

5C: 快断系列产品 (5C: Quick Blow Fuses)

5H: 慢断系列产品 (5H: Slow Blow Fuses)

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

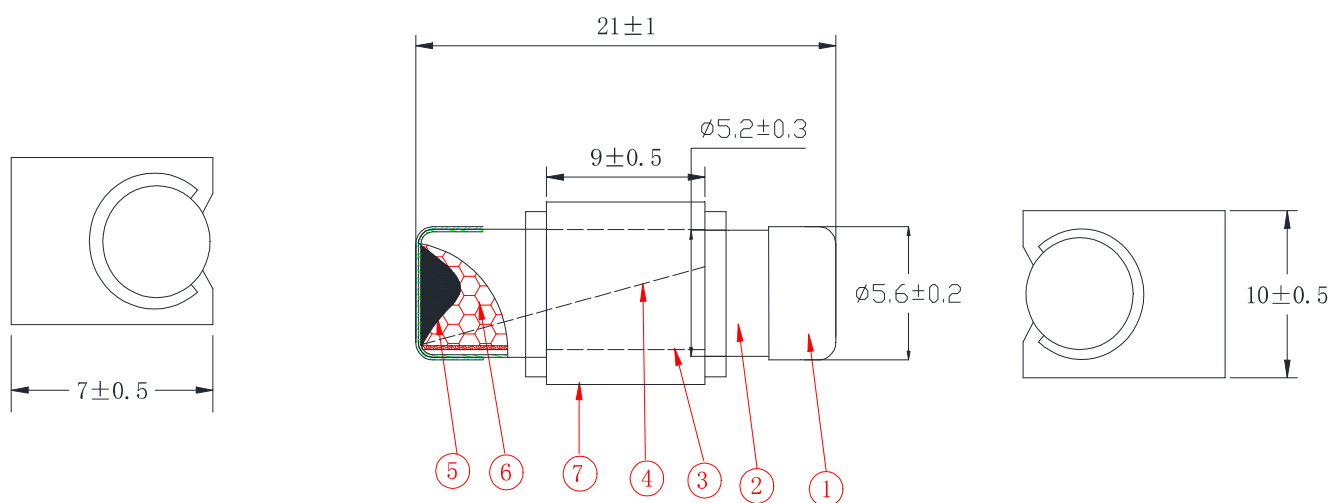
通过认证 (Approved file No):



4. 尺寸与结构 (Size and Structure) :

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

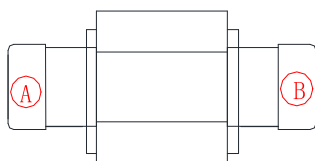
参考下图 Refer to the following figure.





编号 No.	部件 Part Name	材料 Material	备注 Remarks
①	外铜帽 Brass Cap	镀锡黄铜 Stannum plated copper	
②	内铜帽 Brass Cap	镀镍黄铜 Nickel plated copper	
③	陶瓷管 Ceramic Tube	陶瓷 Ceramic	
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
⑥	灌砂 Filler	二氧化硅 SiO ₂	
⑦	塑胶座 Plastic board	塑料 Plastic	

4.2 型号及标示 (Catalogue No.,and indication)



型号 Catalogue No.	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.
5H 系列 Series	T5AH250V		VDE:40037020 CCC:2020970207000083 UR:E249609 PSE:JET5173-31003-2007 KC:SU05031-13002



4.3 陶瓷管 (Ceramic Tube)

管体本体无破裂、缺损等现象。

The tube shall have no defects such as crack, injury and contamination.

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.

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 10N 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): $15^{\circ}\text{C} \sim 35^{\circ}\text{C}$;
- 相对湿度 (Relative humidity): $45\% \sim 75\%$;
- 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)

电流 (In ratio) 型号类别 (Item No.)	150%	210%	275%
5H 系列 (5H Series)	>1h	<1800s	750ms-80s
5A I^2t 平均参考值	64A ² S		

6.3 分断能力 (Breaking capacity)

1) 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
		     
5H. 5C 系列 Series	所有	1500A AC 250V

6.4 耐久性试验 (Endurance test)

耐久性试验过程下。 / The process of endurance test is as follows.

1) 对熔断体通过 1.2 倍的额定电流 1 小时，然后切断电流 15 分钟，重复此循环 100 次。

A current $1.2I_n$ is passed through the fuse-link for a period of 1hour. The current is then switched off for a period of 15 minutes. The cycle is repeated 100 times.

2) 然后对熔断体通以 1.5 倍额定电流 1 小时 ($I_n \leq 6.3A$) 或 0.5 小时 ($I_n > 6.3A$)。

A current $1.5I_n$ is then passed through the fuse-link for 1hour ($I_n \leq 6.3A$) or 0.5hour ($I_n > 6.3A$).

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.

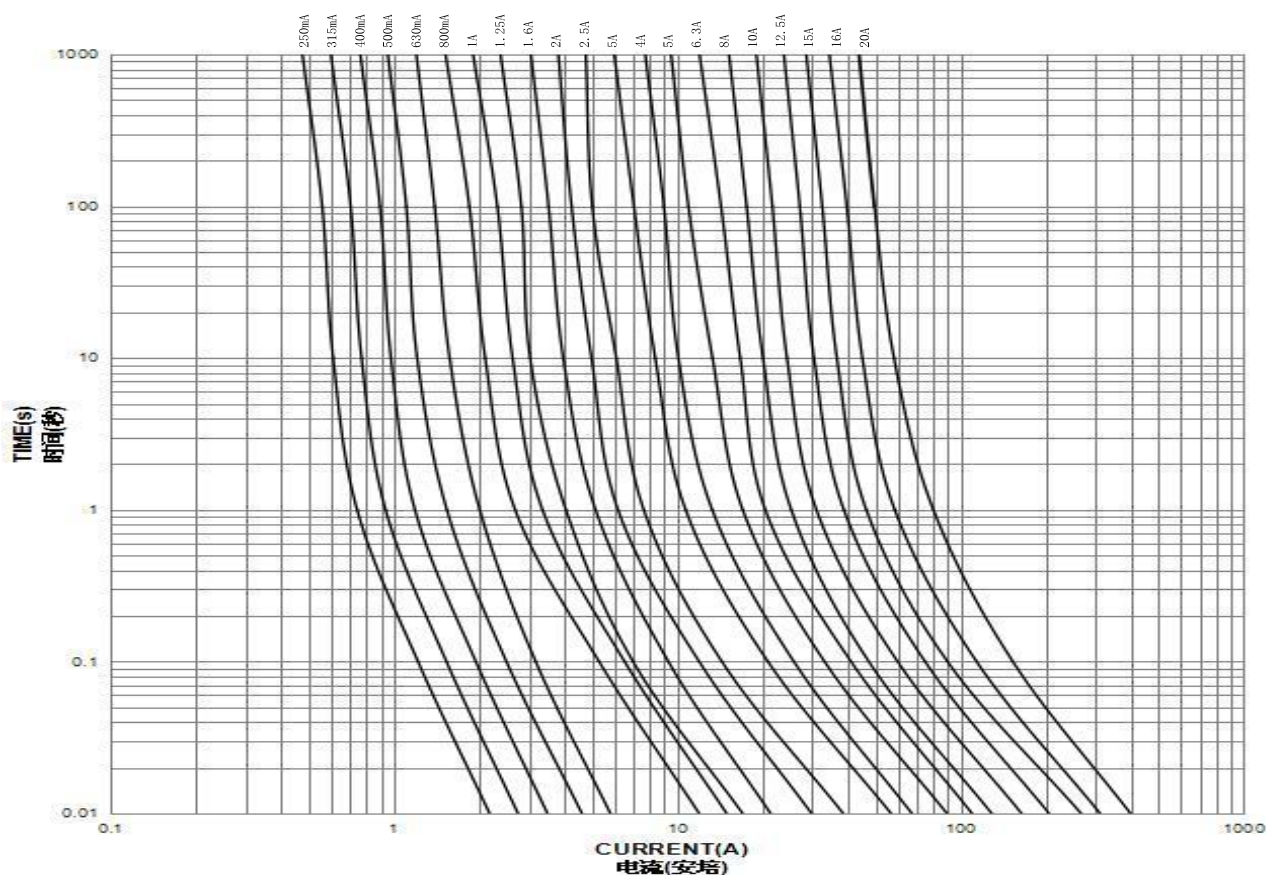
4) 试验后，标记仍应清晰可辨，而且诸如端帽上的焊点不应出现任何明显的劣变。

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



6.5 时间电流特性曲线图 (Time-current curves)

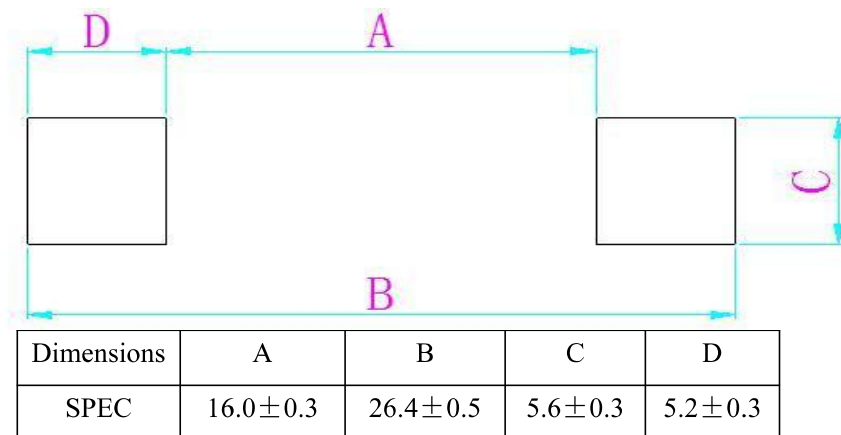
5H Series I-T Average Characteristics Curves(For Reference)



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)

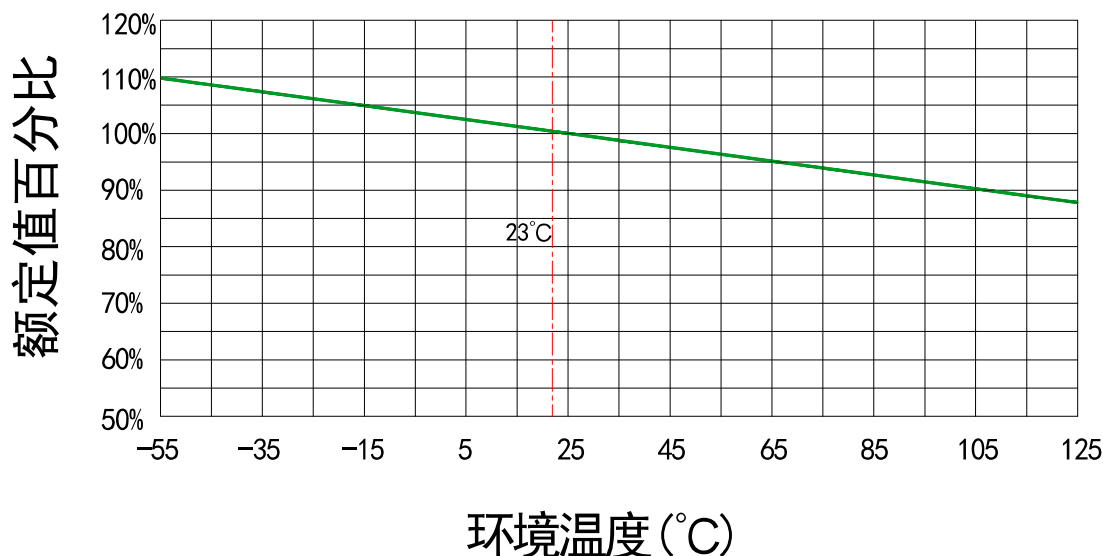
波峰焊/Wave solder: 260℃, ≤5S

手工焊/Hand solder: 360℃, ≤1S

8. 环境特性 Environmental characteristic

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

工作温度/ Operating Temperature: -55℃~125℃



8.2 工作温度/Operating temperature :-55℃~125℃

8.3 贮存条件 Storage conditions

贮存温度/Storage temperature: -55℃~85℃

贮存湿度/Storage humidity: 10%~80%HR

9. 信赖性试验 (Reliability test)

项目/Item	试验要求/Test Requirement	试验条件/Test Condtiton
高温试验 High Temperature Test	试验后保险丝管的电阻符合范围；电气特性符合： 210%<1800 秒、275%:0.75~80 秒、400%:0.095~5 秒、 1000%:10~150 毫秒、150%>1 小时。 After high temperature test, the resistance value of the fuses shall be in range. Electrical Characteristics: 210%<1800s、275%:0.75~80s、 400%:0.095~5s、1000%:10~150ms、150%>1hour.	测试温度：105±2℃，测试时间：1000 小时。 Test Temperature: 105 ± 2℃，Test Time: 1000hours.



低温试验 Low Temperature Test	试验后保险丝管的电阻符合范围；电气特性符合： 210%<1800 秒、275%:0.75~80 秒、400%:0.095~5 秒、 1000%:10~150 毫秒、150%>1 小时。 After low temperature test, the resistance value of the fuses shall be in range. Electrical Characteristics:210%<1800s、275%:0.75~80s、400%:0.095~5s、1000%:10~150ms、150%>1hour.	测试温度：-20±2℃，测试时间：1000 小时。 Test Temperature: -20 ± 2 °C , Test Time: 1000hours.
高湿试验 High Humidity Test	试验后保险丝管的电阻符合范围；电气特性符合： 210%<1800 秒、275%:0.75~80 秒、400%:0.095~5 秒、 1000%:10~150 毫秒、150%>1 小时。 After high humidity test, the resistance value of the fuses shall be in range. Electrical Characteristics:210%<1800s、275%:0.75~80s、400%:0.095~5s、1000%:10~150ms、150%>1hour.	测试温度：40±2℃，测试湿度：90%~95%，测试时间：96 小时。 Test Temperature: 40±2℃, Test Humidity: 90%~95%, Test Time: 96hours.
热冲击试验 Thermal Shock Test	试验后保险丝管的电阻符合范围；电气特性符合： 210%<1800 秒、275%:0.75~80 秒、400%:0.095~5 秒、 1000%:10~150 毫秒、150%>1 小时。 After thermal shock test, the resistance value of the fuses shall be in range. Electrical Characteristics:210%<1800s、275%:0.75~80s、400%:0.095~5s、1000%:10~150ms、150%>1hour.	每个循环：-40℃放置 30 分钟后 85℃放置 30 分钟， 测试 10 循环。 -40℃/ 30mins→85℃/ 30mins, 10 cycles.
落下、冲击试验 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的轴向拉力 7N，保持 1 分钟。 陶瓷管必须无缺陷破裂、缺损和污染。试验后保险丝管的电阻符合范围；电气特性符合：210%<1800 秒、275%:0.75~80 秒、400%:0.095~5 秒、1000%:10~150 毫秒、150%>1 小时。 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 7N applied to each cap for 1 minute. The cap shall be nickel plated firmly. The ceramic tube shall have no defects such as crack and injury. After falling shock test, the resistance value of the fuses shall be in range. Electrical Characteristics:210%<1800s、275%:0.75~80s、400%:0.095~5s、1000%:10~150ms、150%>1hour.	一箱 14,400 个保险丝管从一米高自由落下，跌落 20 次。 14,400EA fuses/ one external carton, Falling Height: 1 meter, Falling Times: 20.



可焊性试验 Solderability Test	试验后尾线表面的焊锡覆盖率>95%。 After solderability test, solder coverage of fuse's pig tail will be no more than 95%.	预涂助焊剂 5±1 秒后，浸入 245±5℃的无铅焊锡 5±0.5 秒。 Immerse to flux 5±1sec. then dip in solder bath 245±5℃, 5±0.5sec.
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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): 1A-20A

2) 额定电压 (Rated voltage): 250V

3) 型号名称 (Catalogue code): 5H

4) 安全认证标志 (Safety mark logo): 

5) 厂标 (Trade mark): 

11. 包装(500PCS/包、500PCS/盒、2500PCS/箱)仅供参考,以实际数量为准。

Packaging (500PCS/Bag、500PCS/Box、2500PCS / External Carton)

		
500pcs/Taped and Reeled	500pcs/Box	2.5K/ External Carton

12. 举例:料号解释/Part No. description

028. 1500 2 0033
 ↓ ↓ ↓ ↓
 5H Series 5A 250V Information Code

2023年 6月19日

June 19, 2023

XC ELECTRONICS (SHENZHEN) CORP., LTD.
GENERAL MANAGER HUANG QIBO

東京都渋谷区代々木5-14-12
一般財団法人 電気安全環境研究所
製品認証部

5-14-12, Yoyogi, Shibuya-Ku, Tokyo
Japan Electrical Safety & Environment technology Laboratories (JET)
Product Certification Division

2023年 5月 8日 付けでお申込みいただきました下記の特定期間用品に
つきましては、同封の適合同等証明書のとおり 2023年 6月19日付にて
交付され、 2030年 6月18日 まで有効であることをお知らせします。

I hereby inform you that with respect to the application of May 8, 2023, for conformity assessment for the
specified product hereunder, the certificate, as enclosed herewith, was issued on Jun 19, 2023 and the term
of validity of this certificate is from the date of its issue to Jun 18, 2030.

記

1. 受 付 番 号 : A 2 3 T 0 1 6 1

Project No.

2. 特定電気用品名 : 管形ヒューズ

Name of Product

Cartridge fuses

3. 製 品 の 型 : 5C & 5H

Model

4. 証 明 書 番 号 : J E T 5 1 7 3 - 3 1 0 0 3 - 2 0 0 9

Statement Number

5. 製 造 工 場 名 (Manufacturer)

住 所 : BLDG. 11, JINGYUAN IND. ZONE HENGGANG TOWN, LONGGANG
Address DISTR., 518115 SHENZHEN, GUANGDONG, CHINA

氏名又は名称 : XC ELECTRONICS (SHENZHEN) CORP., LTD.

Name

6. 型 式 : (Type)

250V, 16A, 銅合金1, 充てん物あり, 磁器筒, 筒形端子, 排気孔なし, 溶断表
示なし, 電子機器用, 遮断電流500A

適合同等証明書

Statement of Conformity Assessment

電気用品安全法第8条第1項に規定する技術基準及び同法第9条第2項の経済産業省令で定める基準（法第9条第1項第2号に係る検査に係るものに限る）に適合していることを証明します

I hereby certify that the product mentioned below complies with the technical requirements stipulated in Paragraph 1 of Article 8 of Electrical Appliances and Materials Safety Act (hereunder referred to as the Act) and the requirements defined by the ordinance of the Ministry of Economy, Trade and Industry based on Paragraph 2 of Article 9 of the Act (limited to Item 2 of Paragraph 1 of Article 9 for Inspection of the Act).

1. 証明書番号: JET5173-31003-2009
Statement Number
2. 交付年月日: 2023年6月19日
Effective Date June 19, 2023
3. 有効年月日: 2030年6月18日
Date of Validity June 18, 2030
4. 申込者名 (Applicant)
住所: BLDG. 11, JINGYUAN IND. ZONE HENGGANG TOWN, LONGGANG DIST., 518115 SHENZHEN, GUANGDONG, CHINA
Address

氏名又は名称: XC ELECTRONICS (SHENZHEN) CORP., LTD.
Name

5. 特定電気用品名: 管形ヒューズ
Name of Product Cartridge fuses
6. 型式の区分: 別紙のとおり
Type Classification See attached "Type Classification"
7. 製造工場名 (Manufacturer)
住所: BLDG. 11, JINGYUAN IND. ZONE HENGGANG TOWN, LONGGANG DIST., 518115 SHENZHEN, GUANGDONG, CHINA
Address

氏名又は名称: XC ELECTRONICS (SHENZHEN) CORP., LTD.
Name

8. 適用試験規格: 電気用品の技術上の基準を定める省令の解釈
Applied Standard for Testing Description of the technical requirements by the METI Ordinance
別表第十二 J60127-1 (H28) 及び J60127-7 (H28)

Appendix 12 J60127-1 (H28) and J60127-7 (H28)

9. 適合性検査の方法: (Testing Method for Conformity Assessment)

- 1) 試験用の特定電気用品については、電気用品の技術上の基準を定める省令の解釈に定める方法

With respect to testing for Category A products, the testing method is based on the technical requirements of the description of Electrical Appliances and Materials stipulated in the METI Ordinance.

- 2) 当該特定電気用品に係る届出事業者又は事業場における検査設備については、電気用品安全法施行規則別表第四の検査設備の欄に掲げる検査設備ごとにそれぞれ同表の技術上の基準の欄に掲げる方法

With respect to inspection facilities required for Category A products at the factory, Testing Method described in the column of the technical requirements for each inspection facilities in the column of inspection facilities is shown in the Appendix 4 of Enforcement Regulations of the Act.

10. 注意事項 (Notes)

- 1) この適合同等証明書は、提出された試験用の電気用品に関して評価を行った上で交付したものであり、同一の型式の区分にある電気用品について電気用品安全法第8条1項に規定する技術基準適合確認の義務を履行したことを示すものではありません。

This Statement of Conformity Assessment, which is issued on the evaluation of the submitted test-use Electrical Appliances and Materials, does not signify that the Obligation to Comply with Requirements, which is prescribed at Paragraph 1 of Article 8 of the Act, is fulfilled on Electrical Appliances and Materials in the same Type Classification.

- 2) この適合同等証明書は、別紙に記載されている型式の区分の範囲内及び区分の組み合わせについてのみ有効です。

This Statement of Conformity Assessment is valid only for Electrical Appliances and Materials within the Type Classifications and their combination as stated in the attached "Type Classification".

一般財団法人 電気安全環境研究所
Japan Electrical Safety & Environment technology Laboratories (JET)

理事長 薦田 康久
President Yasuhisa Komoda

東京都渋谷区代々木5-14-12
(5-14-12, Yoyogi, Shibuya-ku, Tokyo, Japan)

証明書番号: JET5173-31003-2009

適合同等証明書別紙

Statement of Conformity Assessment

型式の区分

Type Classification

要素 Factor	区分 Classification
定格電圧 Rated voltage	(2) 125Vを超えるもの Exceeding 125V
定格電流（定格電流表示のあるものの場合に限る。） Rated current (limited to those with rated current markings)	(3) 15Aを超え30A以下のもの Exceeding 15A, and less than or equal to 30A
適用電動機の定格容量（定格電流表示のないものの場合に限る。） Rated capacity of applicable motor (limited to those without rated current markings)	—
可溶体の主材料 Fuse element materials	(5) 銅のもの Copper
可溶体の数 Number of fuse elements	(1) 1のもの One
再使用（管形ヒューズを除く。） Reusability (excluding cartridge fuses)	—
内部充てん物 Filler materials	(1) あるもの With filler materials
筒（内筒を除く。）の材料 Outer cartridge materials	(3) 磁器のもの又はガラスのもの Ceramic or glass
端子 Terminals	(2) 筒形のもの Tubular terminal
排気孔 Exhausting opening	(2) ないもの Without exhausting opening
溶断の表示 Blowout fuse indicator	(2) ないもの Without blowout fuse indicator
用途 Application	(2) 電子機器用のもの For use in electric appliances
定格遮断電流 Rated breaking capacity	(3) 300Aを超え500A以下のもの Exceeding 300A, and less than or equal to 500A

証明書番号：JET 5173-31003-2009



产品认证证书

证书编号: CQC18012209277

发证日期: 2022年02月15日

有效期至: 2027年02月15日

委托人名称 旭程电子(深圳)有限公司
及注册地址 深圳市龙岗区横岗镇荷坳金源工业区第11栋1-2楼

制造商名称 旭程电子(深圳)有限公司
及注册地址 深圳市龙岗区横岗镇荷坳金源工业区第11栋1-2楼

生产企业名称 旭程电子(深圳)有限公司
及生产地址 深圳市龙岗区横岗镇荷坳金源工业区第11栋1-2楼

产品名称和系列、规格、型号 特殊应用的小型熔断体(管状)
5H 12.5A a.c. 250V、 5H 16A a.c. 250V、 5H 20A a.c. 250V (额定分断能力: 1500A, 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 产品型式试验+初次工厂检查+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: 2018年12月05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



<http://www.cqc.com.cn>

中国·北京·南四环西路188号9区 100070

电话: +86 10 83886666

C 0515124



CERTIFICATE OF PRODUCT CERTIFICATION

CERTIFICATE NO.: CQC18012209277

Valid from: Feb.15,2022

Valid until: Feb.15,2027

NAME AND REGISTERED ADDRESS OF THE APPLICANT	XC Electronics (Shenzhen) Co., Ltd. 1-2Floor, No.11 Building, He'ao Jinyuan Industrial Zone, Henggang Town, Longgang District, Shenzhen
NAME AND REGISTERED ADDRESS OF THE MANUFACTURER	XC Electronics (Shenzhen) Co., Ltd. 1-2Floor, No.11 Building, He'ao Jinyuan Industrial Zone, Henggang Town, Longgang District, Shenzhen
NAME AND LOCATION OF THE FACTORY	XC Electronics (Shenzhen) Co., Ltd. 1-2Floor, No.11 Building, He'ao Jinyuan Industrial Zone, Henggang Town, Longgang District, Shenzhen
PRODUCT NAME, MODEL AND SPECIFICATION	Miniature Fuse-links for Special applications 5H 12.5A a.c. 250V、 5H 16A a.c. 250V、 5H 20A a.c. 250V (额定分断能力: 1500A, 主要尺寸: $\Phi 5\text{mm} \times 20\text{mm}$)
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: Dec.05,2018

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



CHINA QUALITY CERTIFICATION CENTRE



强制性认证产品符合性自我声明



自我声明编号: 2020970207000083

旭程电子(深圳)有限公司(生产者) 确认知晓《强制性产品认证自我声明实施规则》以及相关产品强制性认证实施规则的要求, 对本声明承担全部法律责任。

旭程电子(深圳)有限公司(生产者) 声明以下产品已按照《强制性产品认证自我声明实施规则》以及相关产品强制性认证实施规则的要求进行检测, 符合相关标准要求; 自本声明签署之日起, 生产和销售的产品持续符合以下标准与实施规则的要求; 保存本声明涉及的技术文档至少10年; 正确使用强制性产品认证标志; 如产品或其符合性信息发生变更, 将及时更新技术文档并报送产品变更信息。

生产者名称:	旭程电子(深圳)有限公司
生产者地址:	广东省深圳市龙岗区横岗镇荷坳金源工业区旭程电子(深圳)有限公司
依据的强制性产品认证规则:	CNCA-C02-01:2014 电路开关及保护或连接用电器装置(电器附件)
产品名称:	管状熔断体
产品系列、型号、规格:	(见附页)
依据的标准:	GB/T9364.1-2015;GB/T9364.2-2018
生产企业名称:	旭程电子(深圳)有限公司
生产企业地址:	深圳市龙岗区横岗镇荷坳金源工业区第11栋1-2楼

联系人: 李永杰
电话: 0755-89767089
电子邮箱: 13823598716@xcfuse.com
指定签字人: 李永杰

自我声明时间: 2020-06-09

自我声明地点: 深圳

生产者签字: 李永杰



注: 有关本声明信息真伪可登录全国认证认可信息公共服务平台(ex.cnca.cn)或扫描右上角二维码查询。

强制性认证产品符合性自我声明(附页)



自我声明编号: 2020970207000083

产品系列、型号、规格:

5H T1H250V、5H T1.25H250V、5H T1.6H250V、5H T2H250V、5H T2.5H250V、5H T3.15H250V、5H T4H250V、5H T5H250V、5H T6.3H250V、5H T8H250V、5H T10H250V

联系人:

李永杰

电话:

0755-89767089

电子邮箱:

13823598716@xcfuse.com

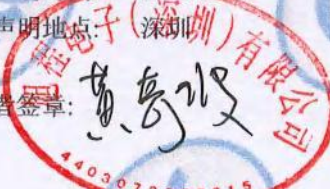
指定签字人:

李永杰

自我声明时间: 2020-06-09

自我声明地点: 深圳

生产者盖章:



注: 有关本声明信息真伪可登录全国认证认可信息公共服务平台 (cx.cnca.cn) 或扫描右上角二维码查询。

접 수 번 호 : 13-004881-02
(Receipt No.)



전 기 용 품 안 전 인 증 서

Electrical Appliances Safety Certificate

안 전 인 증 번 호 : SU05031-13002
(Certificate No.)

제 조 업 자 명 : XC Electronics(Shenzhen) Corp. Ltd.
(Factory)

대 표 자 명 : Qibo Huang
(President)

제 조 공 장 의 : Bldg.11, Jinyuan Ind. Zone, Henggang Town, Longgang Distr.
소 재 지 : 518115 Shenzhen Guangdong P.R.CHINA
(Factory Address)

제 품 명 : 퓨즈(Cartridge fuse-links)
(Product)

기 본 모 델 명 : 5H T5H250V
(Basic Model)

정 격 : AC250V, 5A
(Rating)

파 생 모 델 명 : 5H T3.15H250V, 5H T4H250V, 5H T6.3H250V
(Series Model)

적 용 기 준 : K60127-1(2011-12), K60127-2(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 Section 2 of the Electrical Appliances Safety Control Law Enforcement Regulation.

2013년 03월 06일



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.

첨 부 :
(Annex)

1. 안전관리부품 및 재질목록 (List of Critical Components)
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. <i>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 multiful listing or changing the items above, the certification revision shall be applied.</i> 2. 인증변경신청 없이 임의로 변경하는 경우는, 전기용품안전관리법 제 8 조제 1 항의 규정에 의한 안전인증취소 사유가 됨을 유의하시기 바랍니다. <i>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.</i>				

FP511-10-00

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

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
5H T3.15H250V	Rated current(3.15A) is different
5H T4H250V	Rated current(4A) is different
5H T6.3H250V	Rated current(6.3A) is different
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Test Report Ref. No. : 13-004881-02 (2013.03.05.) 2. Product Description - T5H250V - Breaking capacity : 1 500 A - Time-lag type - High-breaking capacity - Standard sheet 5 ☐ 본 제품의 시험내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 시험담당자 : 전기전자본부 광융합/부품평가센터 조인철 / (02)860-1425 ☐ <i>If you have any question on product testing, please contact the person below :</i> <i>Job holder : Electrical and Electronic Division Lighting Appliance & Electrical Testing Center, INCHUL CHO/</i> <i>+82 2 8601-425</i>	

FP511-09-00

☐ **첨부 3 : 전기용품안전인증의 변경 현황**
Status of Certificate Revisions

변경발급 내용 Contents of Certificate Revisions
Not applicable

FP511-11-00

접 수 번 호 : 13-004881-01
(Receipt No.)



전 기 용 품 안 전 인 증 서

Electrical Appliances Safety Certificate

안 전 인 증 번 호 : SU05031-13001
(Certificate No.)

제 조 업 자 명 : XC Electronics(Shenzhen) Corp. Ltd.
(Factory)

대 표 자 명 : Qibo Huang
(President)

제 조 공 장 의 : Bldg.11, Jinyuan Ind. Zone, Henggang Town, Longgang Distr.
소 재 지 : 518115 Shenzhen Guangdong P.R.CHINA
(Factory Address)

제 품 명 : 퓨즈(Cartridge fuse-links)
(Product)

기 본 모 델 명 : 5H T2H250V
(Basic Model)

정 격 : AC250V, 2A
(Rating)

파 생 모 델 명 : 5H T1H250V, 5H T1.25H250V, 5H T1.6H250V, 5H T2.5H250V
(Series Model)

적 용 기 준 : K60127-1(2011-12), K60127-2(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 Section
2 of the Electrical Appliances Safety Control Law Enforcement Regulation.

2013년 03월 06일



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.

첨 부 :
(Annex)

1. 안전관리부품 및 재질목록 (List of Critical Components)
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. <i>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 multiful listing or changing the items above, the certification revision shall be applied.</i> 2. 인증변경신청 없이 임의로 변경하는 경우는, 전기용품안전관리법 제 8 조제 1 항의 규정에 의한 안전인증취소 사유가 됨을 유의하시기 바랍니다. <i>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.</i>				

FP511-10-00

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

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
5H T1H250V	Rated current(1A) is different
5H T1.25H250V	Rated current(1.25A) is different
5H T1.6H250V	Rated current(1.6A) is different
5H T2.5H250V	Rated current(2.5A) is different
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Test Report Ref. No. : 13-004881-01 (2013.03.05.) 2. Product Description - T2H250V - Breaking capacity : 1 500 A - Time-lag type - High-breaking capacity - Standard sheet 5	
□ 본 제품의 시험내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 시험담당자 : 전기전자본부 광융합/부품평가센터 조인철 / (02)860-1425 □ If you have any question on product testing, please contact the person below : Job holder : Electrical and Electronic Division Lighting Appliance & Electrical Testing Center, INCHUL CHO/ +82 2 8601-425	

FP511-09-00

□ 첨부 3 : 전기용품안전인증의 변경 현황
Status of Certificate Revisions

변경발급 내용 Contents of Certificate Revisions
Not applicable

FP511-11-00

접수번호 : 13-004881-03
(Receipt No.)



전기용품안전인증서

Electrical Appliances Safety Certificate

안전인증번호 : SU05031-13003
(Certificate No.)

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

대표자명 : Qibo Huang
(President)

제조공장의 소재지 : Bldg.11, Jinyuan Ind. Zone, Henggang Town, Longgang Distr.
(Factory Address) 518115 Shenzhen Guangdong P.R.CHINA

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

기본모델명 : 5H T8H250V
(Basic Model)

정격 : AC250V, 8A
(Rating)

파생모델명 : 5H T10H250V
(Series Model)

적용기준 : K60127-1(2011-12), K60127-2(2011-12)
(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.

2013년 03월 06일



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 (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. <i>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 multiful listing or changing the items above, the certification revision shall be applied.</i> 2. 인증변경신청 없이 임의로 변경하는 경우는, 전기용품안전관리법 제 8 조제 1 항의 규정에 의한 안전인증취소 사유가 됨을 유의하시기 바랍니다. <i>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.</i>				

FP511-10-00

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

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
5H T10H250V	Rated current(10A) is different
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Test Report Ref. No. : 13-004881-03 (2013.03.05.) 2. Product Description - T8H250V - Breaking capacity : 1 500 A - Time-lag type - High-breaking capacity - Standard sheet 5	
☐ 본 제품의 시험내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 시험담당자 : 전기전자본부 광음함/부품평가센터 조인철 / (02)860-1425 ☐ If you have any question on product testing, please contact the person below : Job holder : Electrical and Electronic Division Lighting Appliance & Electrical Testing Center, INCHUL CHO/ +82 2 8601-425	

FP511-09-00

☐ 첨부 3 : 전기용품안전인증의 변경 현황
Status of Certificate Revisions

변경발급 내용 Contents of Certificate Revisions
Not applicable

FP511-11-00

2019年 9月26日

September 26, 2019

XC ELECTRONICS (SHENZHEN) CORP., LTD.
GENERAL MANAGER HUANG QIBO

東京都渋谷区代々木5-14-12
一般財団法人 電気安全環境研究所
製品認証部

5-14-12, Yoyogi, Shibuya-Ku, Tokyo
Japan Electrical Safety & Environment technology Laboratories (JET)
Product Certification Division

2019年 5月27日 付けでお申込みいただきました下記の特定期間電気用品に
つきましては、同封の適合同等証明書のとおり 2019年10月11日付にて
交付され、 2026年10月10日まで有効であることをお知らせします。

I hereby inform you that with respect to the application of May 27, 2019, for conformity assessment for the
specified product hereunder, the certificate, as enclosed herewith, was issued on Oct 11, 2019 and the term
of validity of this certificate is from the date of its issue to Oct 10, 2026.

記

1. 受 付 番 号 : A 1 9 T 0 1 8 4
Project No.

2. 特定電気用品名 : 管形ヒューズ
Name of Product Cartridge fuses

3. 製 品 の 型 : 5H
Model

4. 証 明 書 番 号 : J E T 5 1 7 3 - 3 1 0 0 3 - 2 0 0 7
Statement Number

5. 製 造 工 場 名 (Manufacturer)

住 所 : BLDG. 11, JINGYUAN IND. ZONE HENGGANG TOWN, LONGGANG
Address DISTR., 518115 SHENZHEN, GUANGDONG, CHINA

氏名又は名称 : XC ELECTRONICS (SHENZHEN) CORP., LTD.
Name

6. 型 式 : (Type)

250V, 2A, 銅合金1, 充てん物あり, 磁器筒, 筒形端子, 排気孔なし, 溶断表示
なし, 電子機器用, 遮断電流1500A

適合同等証明書

Statement of Conformity Assessment

電気用品安全法第8条第1項に規定する技術基準及び同法第9条第2項の経済産業省令で定める基準（法第9条第1項第2号に係る検査に係るものに限る）に適合していることを証明します

I hereby certify that the product mentioned below complies with the technical requirements stipulated in Paragraph 1 of Article 8 of Electrical Appliances and Materials Safety Act (here under referred to as the Act) and the requirements defined by the ordinance of the Ministry of Economy, Trade and Industry based on Paragraph 2 of Article 9 of the Act (limited to Item 2 of Paragraph 1 of Article 9 for Inspection of the Act).

1. 証明書番号: JET5173-31003-2007
Statement Number
2. 交付年月日: 2019年10月11日
Effective Date October 11, 2019
3. 有効年月日: 2026年10月10日
Date of Validity October 10, 2026
4. 申込者名 (Applicant)
住所: BLDG. 11, JINGYUAN IND. ZONE HENGANG TOWN, LONGGANG DIST., 518115 SHENZHEN, GUANGDONG, CHINA
Address

氏名又は名称: XC ELECTRONICS (SHENZHEN) CORP., LTD.
Name

5. 特定電気用品名: 管形ヒューズ
Name of Product Cartridge fuses
6. 型式の区分: 別紙のとおり
Type Classification See attached "Type Classification"
7. 製造工場名 (Manufacturer)
住所: BLDG. 11, JINGYUAN IND. ZONE HENGANG TOWN, LONGGANG DIST., 518115 SHENZHEN, GUANGDONG, CHINA
Address

氏名又は名称: XC ELECTRONICS (SHENZHEN) CORP., LTD.
Name

8. 適用試験規格: 電気用品の技術上の基準を定める省令の解釈
Applied Standard for Testing Description of the technical requirements by the METI Ordinance
別表第十二 J60127-1 (H28) 及び J60127-2 (H28)

Appendix 12 J60127-1 (H28) and J60127-2 (H28)

9. 適合性検査の方法: (Testing Method for Conformity Assessment)
 - 1) 試験用の特定電気用品については、電気用品の技術上の基準を定める省令の解釈に定める方法
With respect to testing for Category A products, the testing method is based on the technical requirements of the description of Electrical Appliances and Materials stipulated in the METI Ordinance.
 - 2) 当該特定電気用品に係る届出事業者又は事業場における検査設備については、電気用品安全法施行規則別表第四の検査設備の欄に掲げる検査設備ごとにそれぞれ同表の技術上の基準の欄に掲げる方法
With respect to inspection facilities required for Category A products at the factory, Testing Method described in the column of the technical requirements for each inspection facilities in the column of inspection facilities is shown in the Appendix 4 of Enforcement Regulations of the Act.

10. 注意事項

- 1) この適合同等証明書は、提出された試験用の電気用品に関して評価を行った上で交付したものであり、同一の型式の区分にある電気用品について電気用品安全法第8条1項に規定する技術基準適合確認の義務を履行したことを示すものではありません。

This Statement of Conformity Assessment, which is issued on the evaluation of the submitted test-use Electrical Appliances and Materials, does not signify that the Obligation to Comply with Requirements, which is prescribed at Paragraph 1 of Article 8 of the Act, is fulfilled on Electrical Appliances and Materials in the same Type Classification.

- 2) この適合同等証明書は、別紙に記載されている型式の区分の範囲内及び区分の組み合わせについてのみに有効です。

This Statement of Conformity Assessment is valid only for Electrical Appliances and Materials within the Type Classifications and their combination as stated in the attached "Type Classification".

一般財団法人 電気安全環境研究所
Japan Electrical Safety & Environment Technology Laboratories (JET)

理事長 薦田 康久
President Yasuhisa Komoda

東京都渋谷区代々木5-14-12
(5-14-12, Yoyogi, Shibuya-ku, Tokyo, Japan)

証明書番号: JET5173-31003-2007

適合同等証明書別紙

Statement of Conformity Assessment

型式の区分

Type Classification

要素 Factor	区分 Classification
定格電圧 Rated voltage	(2) 125Vを超えるもの Exceeding 125V
定格電流（定格電流表示のあるものの場合に限る。） Rated current (limited to those with rated current markings)	(1) 5 A以下のもの 5A or less
適用電動機の定格容量（定格電流表示のないものの場合に限る。） Rated capacity of applicable motor (limited to those without rated current markings)	—
可溶体の主材料 Fuse element materials	(5) 銅のもの Copper
可溶体の数 Number of fuse elements	(1) 1のもの One
再使用（管形ヒューズを除く。） Reusability (excluding cartridge fuses)	—
内部充てん物 Filler materials	(1) あるもの With filler materials
筒（内筒を除く。）の材料 Outer cartridge materials	(3) 磁器のもの又はガラスのもの Ceramic or glass
端子 Terminals	(2) 筒形のもの Tubular terminal
排気孔 Exhausting opening	(2) ないもの Without exhausting opening
溶断の表示 Blowout fuse indicator	(2) ないもの Without blowout fuse indicator
用途 Application	(2) 電子機器用のもの For use in electric appliances
定格遮断電流 Rated breaking capacity	(5) 1,000 Aを超え1,500 A以下のもの Exceeding 1,000A, and less than or equal to 1,500A

証明書番号：JET 5173-31003-2007

2019年 9月26日

September 26, 2019

XC ELECTRONICS (SHENZHEN) CORP., LTD.
GENERAL MANAGER HUANG QIBO

東京都渋谷区代々木5-14-12
一般財団法人 電気安全環境研究所
製品認証部

5-14-12, Yoyogi, Shibuya-Ku, Tokyo
Japan Electrical Safety & Environment technology Laboratories(JET)
Product Certification Division

2019年 5月27日 付けでお申込みいただきました下記の特定期間電気用品に
つきましては、同封の適合同等証明書のとおり 2019年10月11日付にて
交付され、 2026年10月10日 まで有効であることをお知らせします。

I hereby inform you that with respect to the application of May 27, 2019, for conformity assessment for the
specified product hereunder, the certificate, as enclosed herewith, was issued on Oct 11, 2019 and the term
of validity of this certificate is from the date of its issue to Oct 10, 2026.

記

1. 受 付 番 号 : A 1 9 T 0 1 8 5
Project No.

2. 特定電気用品名 : 管形ヒューズ
Name of Product Cartridge fuses

3. 製 品 の 型 : 5H
Model

4. 証 明 書 番 号 : J E T 5 1 7 3 - 3 1 0 0 3 - 2 0 0 8
Statement Number

5. 製 造 工 場 名 (Manufacturer)

住 所 : BLDG. 11, JINGYUAN IND. ZONE HENGGANG TOWN, LONGGANG
Address DISTR., 518115 SHENZHEN, GUANGDONG, CHINA

氏名又は名称 : XC ELECTRONICS (SHENZHEN) CORP., LTD.
Name

6. 型 式 : (Type)

250V, 6.3A, 銅合金1, 充てん物あり, 磁器筒, 筒形端子, 排気孔なし, 溶断
表示なし, 電子機器用, 遮断電流1500A

適合同等証明書

Statement of Conformity Assessment

電気用品安全法第8条第1項に規定する技術基準及び同法第9条第2項の経済産業省令で定める基準（法第9条第1項第2号に係る検査に係るものに限る）に適合していることを証明します

I hereby certify that the product mentioned below complies with the technical requirements stipulated in Paragraph 1 of Article 8 of Electrical Appliances and Materials Safety Act (here under referred to as the Act) and the requirements defined by the ordinance of the Ministry of Economy, Trade and Industry based on Paragraph 2 of Article 9 of the Act (limited to Item 2 of Paragraph 1 of Article 9 for Inspection of the Act).

1. 証明書番号: JET5173-31003-2008
Statement Number
2. 交付年月日: 2019年10月11日
Effective Date October 11, 2019
3. 有効年月日: 2026年10月10日
Date of Validity October 10, 2026
4. 申込者名 (Applicant)
住所: BLDG. 11, JINGYUAN IND. ZONE HENGANG TOWN, LONGGANG DISTR., 518115 SHENZHEN, GUANGDONG, CHINA
Address

氏名又は名称: XC ELECTRONICS (SHENZHEN) CORP., LTD.
Name

5. 特定電気用品名: 管形ヒューズ
Name of Product Cartridge fuses
6. 型式の区分: 別紙のとおり
Type Classification See attached "Type Classification"
7. 製造工場名 (Manufacturer)
住所: BLDG. 11, JINGYUAN IND. ZONE HENGANG TOWN, LONGGANG DISTR., 518115 SHENZHEN, GUANGDONG, CHINA
Address

氏名又は名称: XC ELECTRONICS (SHENZHEN) CORP., LTD.
Name

8. 適用試験規格: 電気用品の技術上の基準を定める省令の解釈
Applied Standard for Testing Description of the technical requirements by the METI Ordinance
別表第十二 J60127-1 (H28) 及び J60127-2 (H28)

Appendix 12 J60127-1 (H28) and J60127-2 (H28)

9. 適合性検査の方法: (Testing Method for Conformity Assessment)
 - 1) 試験用の特定電気用品については、電気用品の技術上の基準を定める省令の解釈に定める方法
With respect to testing for Category A products, the testing method is based on the technical requirements of the description of Electrical Appliances and Materials stipulated in the METI Ordinance.
 - 2) 当該特定電気用品に係る届出事業者又は事業場における検査設備については、電気用品安全法施行規則別表第四の検査設備の欄に掲げる検査設備ごとにそれぞれ同表の技術上の基準の欄に掲げる方法
With respect to inspection facilities required for Category A products at the factory, Testing Method described in the column of the technical requirements for each inspection facilities in the column of inspection facilities is shown in the Appendix 4 of Enforcement Regulations of the Act.

10. 注意事項

- 1) この適合同等証明書は、提出された試験用の電気用品に関して評価を行った上で交付したものであり、同一の型式の区分にある電気用品について電気用品安全法第8条1項に規定する技術基準適合確認の義務を履行したことを示すものではありません。

This Statement of Conformity Assessment, which is issued on the evaluation of the submitted test-use Electrical Appliances and Materials, does not signify that the Obligation to Comply with Requirements, which is prescribed at Paragraph 1 of Article 8 of the Act, is fulfilled on Electrical Appliances and Materials in the same Type Classification.

- 2) この適合同等証明書は、別紙に記載されている型式の区分の範囲内及び区分の組み合わせについてのみ有効です。

This Statement of Conformity Assessment is valid only for Electrical Appliances and Materials within the Type Classifications and their combination as stated in the attached "Type Classification".

一般財団法人 電気安全環境研究所
Japan Electrical Safety & Environment Technology Laboratories (JET)

理事長 薦田 康久
President Yasuhisa Komoda

東京都渋谷区代々木5-14-12
(5-14-12, Yoyogi, Shibuya-ku, Tokyo, Japan)

証明書番号: JET5173-31003-2008

適合同等証明書別紙

Statement of Conformity Assessment

型式の区分

Type Classification

要素 Factor	区分 Classification
定格電圧 Rated voltage	(2) 125Vを超えるもの Exceeding 125V
定格電流（定格電流表示のあるものの場合に限る。） Rated current (limited to those with rated current markings)	(2) 5Aを超え15A以下のもの Exceeding 5A, and less than or equal to 15A
適用電動機の定格容量（定格電流表示のないものの場合に限る。） Rated capacity of applicable motor (limited to those without rated current markings)	—
可溶体の主材料 Fuse element materials	(5) 銅のもの Copper
可溶体の数 Number of fuse elements	(1) 1のもの One
再使用（管形ヒューズを除く。） Reusability (excluding cartridge fuses)	—
内部充てん物 Filler materials	(1) あるもの With filler materials
筒（内筒を除く。）の材料 Outer cartridge materials	(3) 磁器のもの又はガラスのもの Ceramic or glass
端子 Terminals	(2) 筒形のもの Tubular terminal
排気孔 Exhausting opening	(2) ないもの Without exhausting opening
溶断の表示 Blowout fuse indicator	(2) ないもの Without blowout fuse indicator
用途 Application	(2) 電子機器用のもの For use in electric appliances
定格遮断電流 Rated breaking capacity	(5) 1,000Aを超え1,500A以下のもの Exceeding 1,000A, and less than or equal to 1,500A

証明書番号：JET5173-31003-2008

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50528191

Blatt Sheet
0001

Ihr Zeichen Client Reference

Unser Zeichen Our Reference

Ausstellungsdatum

Date of Issue

05-YFC-CN21N6UF 001

17.12.2021

(day/month/year)

Genehmigungsinhaber License Holder

XC Electronics (Shenzhen)
Corp. Ltd.

Building 11

Jinyuan Industrial Zone

He'ao Henggang Town

518115 Shenzhen Guangdong

P.R. China

Fertigungsstätte Manufacturing Plant

XC Electronics (Shenzhen)
Corp. Ltd.

Building 11

Jinyuan Industrial Zone

He'ao Henggang Town

518115 Shenzhen Guangdong

P.R. China

Prüfzeichen Test Mark



Geprüft nach Tested acc. to

EN 60127-1:2006+A1+A2

EN 60127-7:2016

Zertifiziertes Produkt (Geräteidentifikation)

Certified Product (Product Identification)

Lizenzentgelte - Einheit

License Fee - Unit

Fuse Link (Miniature Fuse-link)

Type Designation : 5H
Trademark : XC (logo)
Rated Current (In) : 12.5A; 16A; 20A
Rated Voltage : AC 250V, 50Hz/60Hz
Rated Breaking Capacity : 1500A
T/I Characteristics : See Appendix 1
Dimensions : 5.2mmx20mm

9

Remark : The labelling requirements acc. to EU Directive
2001/95 have to be observed for distribution within the EEA

9

ANLAGE (Appendix) : 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.

This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935



Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50528191

Blatt *Sheet*
0002

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

Date of Issue

05-RBI-CN21N6UF 002

11.10.2023

(day/mo/yr)

Genehmigungsinhaber *License Holder*

XC Electronics (Shenzhen)
Corp. Ltd.
Building 11
Jinyuan Industrial Zone
He'ao Henggang Town
518115 Shenzhen Guangdong
P.R. China

Fertigungsstätte *Manufacturing Plant*

XC Electronics (Shenzhen)
Corp. Ltd.
Building 11
Jinyuan Industrial Zone
He'ao Henggang Town
518115 Shenzhen Guangdong
P.R. China

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

EN 60127-1:2006+A1+A2
EN 60127-7:2016

Zertifiziertes Produkt (Geräteidentifikation)

Certified Product (Product Identification)

Lizenzentgelte - Einheit

License Fee - Unit

Fuse Link (Miniature Fuse-link)

as page 0001

Addition

Rated Current (In) : 12A, 15A

Remark : The labelling requirements acc. to EU Directive 2001/95 have to be observed for distribution within the EEA

ANLAGE (Appendix): 1.1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

<http://www.tuv.com/safety> E-mail: markcheck@tuv.com
Fax: +49 221 806-3935



Zertifizierungsstelle

Audrey Wang

Audrey Wang

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

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

Aktenzeichen: 5003281-1170-0014 / 227720

File ref.:

Ausweis-Nr. 40037020

Blatt 1
Page

Certificate No.

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

Offenbach, 2013-03-07

(letzte Änderung / updated 2016-09-27)

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
40037020 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.

5003281-1170-0014 / 227720 / CC2 / EUL

letzte Änderung / updated

2016-09-27

Datum / Date

2013-03-07

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40037020.

This supplement is only valid in conjunction with page 1 of the Certificate No. 40037020.

G-Sicherungseinsatz Cartridge fuse-link

Typ(en) / Type(s)

5H-Serie(s)

Bemessungsspannung
Rated voltage

AC 250 V

Bemessungsstrom
Rated current

250 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

5

Maße in mm
Dimension in mm

5 x 20

Kennzeichnung der Charakteristik
Characteristic symbol

T

Kennzeichnung des Ausschaltvermögens
Breaking capacity symbol

H

Bemessungsausschaltvermögen
Rated breaking capacity

1500 A

Zeit/Strom-Charakteristik
Time/current-characteristic

träge
time-lag

Fortsetzung siehe Blatt 3 /
continued on page 3

VDE Prüf- und Zertifizierungsinstitut GmbH * Testing and Certification Institute



VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Blatt /
Certificate No. Page
40037020 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.

5003281-1170-0014 / 227720 / CC2 / EUL

letzte Änderung / updated

2016-09-27

Datum / Date

2013-03-07

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40037020.

This supplement is only valid in conjunction with page 1 of the Certificate No. 40037020.

Anmerkung

Remark

Die Prüfspannung in Abschnitt 9.2 war DC 125 V.

The test voltage in clause 9.2 was DC 125 V.

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

