

SHENZHEN LANSON ELECTRONICS CO.,LTD.	PRODUCT	EDITION NO.	A/8
	SPECIFICATION	FILE NO.	LS/C- 005-20
	MODEL: 5N	PAGE	PAGE 1 OF 4

1. 适用范围 Scope of application

本产品适用于各种电子电器内的电路中起过电流保护作用。
This product is suitable for various kinds of electronic machines to work for over current protection.

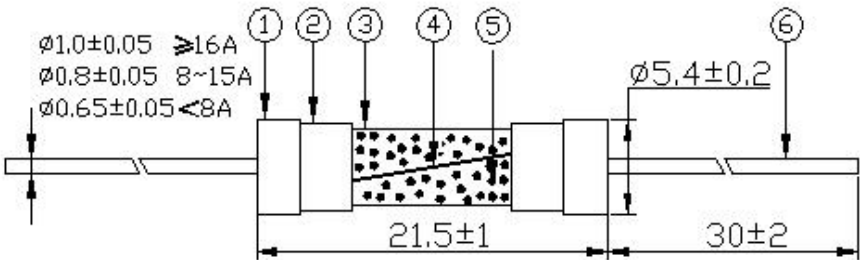
2. 相关标准及认证 Relevant Standards and Certification

2.1 执行标准 Standards: IEC60127-1 IEC60127-2 GB/T9364.1 GB/T9364.2

2.2 认证 Certification:

安规 Certification	认证范围 Scope of Certification	证书编号 Certification No.
UL	100mA~30A	E221465
CCC 自我声明	1A-10A	2020970207000112
TUV	8A-10A	50568747
PSE	8A-15A	JET5359-31003-2003

3. 结构及尺寸 Structure and Size (unit: mm)



4. 原材料明细 Material Details

编号 No.	零件名称 Part Name	材质 Material
①	端帽 End cap	黄铜表面镀镍 Nickel plated brass
②	内帽 Inner cap	黄铜表面镀镍 Nickel plated brass
③	陶瓷管 Ceramic tube	陶瓷 Ceramic
④	熔丝 Fuse element	合金线 Alloy
⑤	填充物 Filling	硅砂 SiO ₂
⑥	引线 Lead wire	镀锡铜线 Tinned copper wire

5. 标示 Marking

保险丝两端铜帽上应印有下列标示: The fuse shall have the following marking :
A 帽: 良胜型号+延时型符号+额定电流+高分断符号+额定电压
A Cap: Lanson's model+Electrical characteristics +Ampere rating + High-breaking Capacity Symbol +Voltage rating
5N T 10A H 250V

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B 帽：良胜标志+认证符号

B Cap: Lanson’s logo + Approved Symbol



6. 外观 Appearance

6.1 外观不应有显著的污点、裂纹。

There shall not be any remarkable stain, rust or crack on the appearances.

6.2 标示应该很容易辨识。

Marking shall be easily legible.

7. 机械特性 Mechanical characteristics

拉力强度试验 Tensile test

将保险丝固定好后，对保险丝两端引线施加10N 的轴向拉力，持续 1 分钟。试验过后，保险丝没有任何破损现象。

Exert the axial pulling force of 10N to the both ends of lead wire for 1 minute. After the test the fuse shall be no damage and loosening.

8. 电气特性 Electrical characteristics

8.1 实验条件 Test condition

所有测试环境温度为 25±5℃。

All electrical characteristics tests are conducted at an ambient temperature of 25±5℃.

8.2 分断能力 Interrupting rating test

保险丝能承受的分断能力是 1500A。分断能力测试后测得保险丝的绝缘阻抗值大于 0.1MΩ。

The fuse interrupting capacity is 1500A. After interrupting, the insulation resistance between the fuse terminations shall be not less than 0.1MΩ.

8.3 时间-电流特性 Time-Current Characteristics

额定电流的% % of ampere rating	熔断时间 Opening time (100mA~800mA)	熔断时间 Opening time (1A~3.15A)	熔断时间 Opening time (4A~10A)
210%	30 min Max	30 min Max	30 min Max
275%	250 ms~80 s	750 ms~80 s	750 ms~80 s
400%	50 ms~5 s	95 ms~5 s	150 ms~5 s
1000%	5 ms ~150 ms	10 ms ~150 ms	20 ms ~150 ms

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8.4 耐久性测试 Endurance test

对保险丝通过相关标准规格单规定的 1.2 倍额定电流 1 小时,然后截断电流 15 分钟,将该循环重复 100 次。试验过后保险丝没有任何破损现象。

A 1.2 times the ampere rating specified in the relevant standard sheet is passed through the fuse for a period of 1h.The current is then switched off for a period of 15 minutes. This cycle is repeated 100 times. After the test the fuse shall be no damage and loosening.

8.5 焊接参数 Soldering parameters

8.5.1 波峰焊 260℃,最大10秒,

Wave soldering 260 °C,10 sec. Maximum

8.5.2 手工焊 350℃,最大5秒,

Manual soldering 350°C, 5 sec. Maximum

8.6 时间电流曲线图见附页 Time- current curve see attachment

9. 环境特性 Environmental characteristics

9.1 使用温度范围 Operating Temperature

-55℃～125℃。

9.2 保存条件 Storage Conditions

相对湿度≤75%，可存放 3 年。

Relative humidity≤75%, store 3 years .

10. 包装 Packing

10.1 200PCS/小袋、4 小袋/内盒、10 内盒/外箱(实际装箱依客户订单)。

200 fuses per plastic bag, 4 plastic bags per inner box, 10 inner boxes per external carton.

(The actual case in accordance with the customer order)

10.2 产品符合 RoHS 环保指令

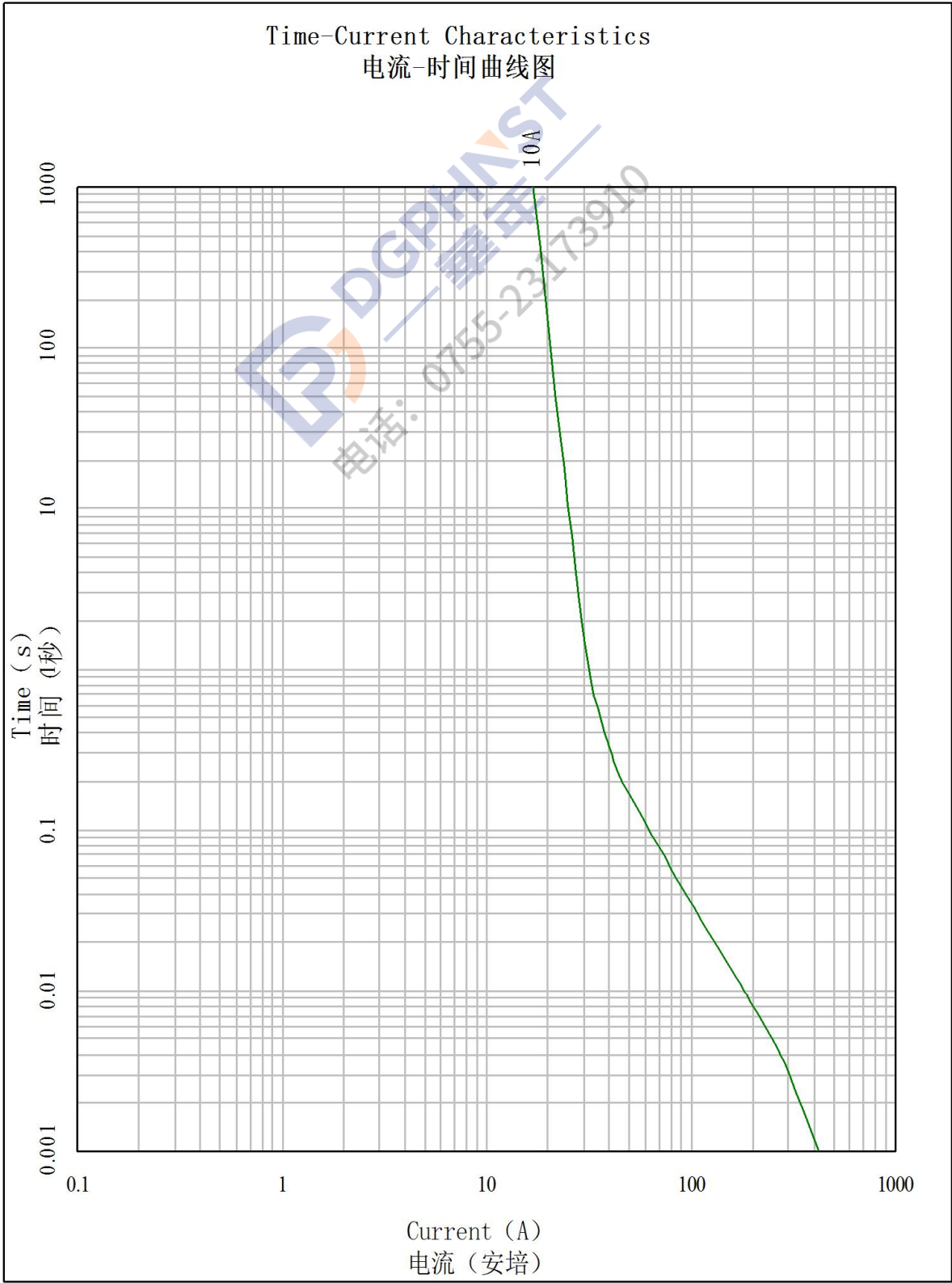
The product is compliant with RoHS Directive

附：承认书后附安规证书及环保报告

Appendix: The specification attached safety certificate and RoHS directive test report.

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附页 attachment





JDYX2.E221465 - Fuses, Supplemental - Component

Fuses, Supplemental - Component

SHENZHEN LANSON ELECTRONICS CO LTD

A18TH BLDG

3 INDUSTRIAL ZONE

FUQIAO FUYONG TOWN, BAO'AN DISTRICT

SHENZHEN, GUANGDONG 518133 China

E221465

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
Supplemental fuses				
5D	5.2 x 20 (0.20 x 0.79)	4-7	125Vac	100
		4-7	250Vac	100
		8-10	125Vac	100
		8-10	250Vac	100
5F	5.2 x 20 (0.20 x 0.79)	0.125-0.315	125Vac	35
		0.125-0.315	250Vac	35
		0.4-0.8	125Vac	35
		0.4-0.8	250Vac	35
		1-6.3	125Vac	35
		1-6.3	250Vac	35
5K	5.2 x 20 (0.20 x 0.79)	0.2-0.8	125Vac	35
		0.2-0.8	250Vac	35
		1-6.3	125Vac	63
		1-6.3	250Vac	63
		8-15	125Vac	50
		8-15	250Vac	50
5M	5.2 x 20 (0.20 x 0.79)	0.5-0.8	250Vac	1500
		1.0-3.15	250Vac	1500

Supplemental fuses: pigtail leads, filled-tube, cartridge enclosed				
5HV(P)	5.5 x 21 (0.22 x 0.83)	0.1-25	600Vac	200
		-	-	-
		0.1-25	500Vdc	300
		0.1-15	400Vdc	2000
Supplemental fuses: pigtail leads, time delay				
SBT	12.3 x 6.5 x 9.6 (0.48 x 0.26 x 0.38)	0.1-25	400Vac	300
		0.1-25	350Vac	300
		0.1-25	300Vac	300
		0.1-25	250Vac	300
		0.1-25	125Vac	300
Supplemental fuses: pigtail leads, time delay, cartridge enclosed				
3N	4 x 11 (0.16 x 0.43)	0.1-20	125Vac	300
		0.1-20	250Vac	300
Supplemental fuses: pigtail leads, time delay, filled-tube, cartridge enclosed				
5N(P)	5.4 x 21.5 (0.21 x 0.85)	0.1-15	250Vac	1500
		0.1-30	250Vac	1500
Supplemental fuses: time delay, filled-tube, cartridge enclosed				
5N	5.2 x 20 (0.20 x 0.79)	0.1-15	250Vac	1500
		0.1-30	250Vac	1500
Supplemental micro fuses				
06D	1.6 x 0.8 x 0.48 (0.06 x 0.03 x 0.02)	0.25-1	32Vdc	50
		1.25-5	32Vdc	35
06H	1.6 x 0.8 x 0.48 (0.06 x 0.03 x 0.02)	1-5	32Vdc	50
12B	3.2 x 1.6 x 0.65 (0.13 x 0.06 x 0.03)	0.25-1.5	125Vac	50
		0.25-1.5	125Vdc	50

UL Product iQ™



JDYX8.E221465 - Fuses, Supplemental Certified for Canada - Component

Fuses, Supplemental Certified for Canada - Component

SHENZHEN LANSON ELECTRONICS CO LTD

E221465

A18TH BLDG

3 INDUSTRIAL ZONE

FUQIAO FUYONG TOWN, BAO'AN DISTRICT

SHENZHEN, GUANGDONG 518133 China

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
Supplemental fuses				
5D	5.2 x 20 (0.20 x 0.79)	4-7	125Vac	100
		4-7	250Vac	100
		8-10	125Vac	100
		8-10	250Vac	100
5F	5.2 x 20 (0.20 x 0.79)	0.125-0.315	125Vac	35
		0.125-0.315	250Vac	35
		0.4-0.8	125Vac	35
		0.4-0.8	250Vac	35
		1-6.3	125Vac	35
		1-6.3	250Vac	35
5K	5.2 x 20 (0.20 x 0.79)	0.2-0.8	125Vac	35
		0.2-0.8	250Vac	35
		1-6.3	125Vac	63
		1-6.3	250Vac	63
		8-15	125Vac	50
		8-15	250Vac	50
5M	5.2 x 20 (0.20 x 0.79)	0.5-0.8	250Vac	1500

		12-30	250Vac	150
Supplemental fuses: pigtail leads, filled-tube, cartridge enclosed				
5HV(P)	5.5 x 21 (0.22 x 0.83)	0.1-25	600Vac	200
		-	-	-
		0.1-25	500Vdc	300
		0.1-15	400Vdc	2000
Supplemental fuses: pigtail leads, time delay				
SBT	12.3 x 6.5 x 9.6 (0.48 x 0.26 x 0.38)	0.1-25	400Vac	300
		0.1-25	350Vac	300
		0.1-25	300Vac	300
		0.1-25	250Vac	300
		0.1-25	125Vac	300
Supplemental fuses: pigtail leads, time delay, cartridge enclosed				
3N	4 x 11 (0.16 x 0.43)	0.1-20	125Vac	300
		0.1-20	250Vac	300
Supplemental fuses: pigtail leads, time delay, filled-tube, cartridge enclosed				
5N(P)	5.4 x 21.5 (0.21 x 0.85)	0.1-15	250Vac	1500
		0.1-30	250Vac	1500
Supplemental fuses: time delay, filled-tube, cartridge enclosed				
5N	5.2 x 20 (0.20 x 0.79)	0.1-15	250Vac	1500
		0.1-30	250Vac	1500
Supplemental micro fuses				
06D	1.6 x 0.8 x 0.48 (0.06 x 0.03 x 0.02)	0.25-1	32Vdc	50
		1.25-5	32Vdc	35
06H	1.6 x 0.8 x 0.48 (0.06 x 0.03 x 0.02)	1-5	32Vdc	50
12B	3.2 x 1.6 x 0.65 (0.13 x 0.06 x 0.03)	0.25-1.5	125Vac	50
		0.25-1.5	125Vdc	50



自我声明符合性信息报送系统



声明：本系统内所有信息仅用于强制性产品认证自我声明符合性信息报送与监管，

自我声明符合性信息由企业、相关认证机构及实验室提供，数据的真实性、准确性由提供方负责，如有疑问请联系相关企业、认证机构和实验室。如需投诉或举报请联系当地市场监管部门。

自我声明 基于强制性产品认证结果

方式： (2004010207135720)

自我声明
编号： 2020970207000112

自我声明
时间： 2020-06-29

自我声明
状态： 有效

变更轨迹

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2020970207000112

生产者信息

生产者名称	深圳市良胜电子有限公司	生产者统一社会信用代码	914403007432122743	生产者地址	广东省深圳市宝安区福永街道桥头富桥第三工业区二期A18幢(第二、三层)
生产者联系人	张毅	电话	0755-29929709	电子邮箱	engineering@lansonfuse.com

生产企业信息

生产企业名称	国别	生产企业统一社会信用代码	生产企业地址
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深圳市良胜电子有限公司	中国	743212274	深圳市宝安区福永街道桥头富桥第三工业区二期A18栋(第二、三层)
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实验室及型式试验报告信息

产品类别编号	0207	产品类别名称	小型熔断器的管状熔断体
依据的强制性产品认证规则	CNCA-00C-008: 2019 强制性产品认证实施规则自我声明	产品名称	管状熔断体
产品系列、型号、规格	5N T1AH250V, 5N T1.25AH250V, 5N T1.6AH250V, 5N T2AH250V, 5N T2.5AH250V, 5N T3.15AH250V, 5N T4AH250V, 5N T5AH250V, 5N T6.3AH250V, 5N T8AH250V, 5N T10AH250V	依据的标准	GB/T9364.1-2015; GB/T9364.2-2018
送检实验室类型	CCC指定实验室	实验室/认证机构名称	威凯检测技术有限公司
统一社会信用代码/组织机构代码	562251178	实验室编号	00501
型式试验报告编号	00501-DOC2022-0530	型式试验报告覆盖的产品型号	5N T1.25AH250V、5N T1.6AH250V、5N T2AH250V、5N T2.5AH250V、5N T3.15AH250V、5N T4AH250V、5N T5AH250V、5N T6.3AH250V、5N T8AH250V、5N T10AH250V

附件信息

批量下载

附件名称	操作	备注

附件名称	操作	备注
工厂质量保证能力检查报告	预览	
产品描述	预览	
关键件/原材料清单	预览	
生产者及授权代表 (适用时) 自我声明	预览	
初始型式实验报告附件	附件1 (http://cx.cnca.cn/CertECloud/downFile/downFtp?fileName=2004010207135720.zip&remoteFile=/SJSBFJ/2004/203010/CNCA-R-2002-001)	


DGNINST
 电话: 0755-23173910

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50568747

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*
05-xieb-CN22S3GS 001

Ausstellungsdatum

13.01.2023

Date of Issue

(day/mo/yr)

Genehmigungsinhaber *License Holder*

SHENZHEN LANSON ELECTRONICS
CO., LTD.
A18th Bldg, Fugiao 3rd Industrial
Zone, Fuyong Town, Baoan District
Shenzhen
518103 Guangdong
P.R. China

Fertigungsstätte *Manufacturing Plant*

SHENZHEN LANSON ELECTRONICS
CO., LTD.
A18th Bldg, Fugiao 3rd Industrial
Zone, Fuyong Town, Baoan District
Shenzhen
518103 Guangdong
P.R. China

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

EN 60127-1:2006+A1+A2
EN 60127-2:2014

Zertifiziertes Produkt (Geräteidentifikation)

Certified Product (Product Identification)

Lizenzentgelte - Einheit

License Fee - Unit

Fuse Link (Cartridge Fuse-links)

Type Designation	: 5N 5NP	8
Trademark	: LASON (logo)	
Rated Voltage	: AC 250V; 50Hz/60Hz	
Rated Current (In)	: 8A, 10A	
Time/Current Characteristic	: T	
Rated Breaking Capacity	: H: 1500A	
Dimension	: 5NP: 5mmx20mm with pigtail 5N: 5mmx20mm without pigtail	

Remark:

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

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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



Zertifizierungsstelle

G. Yin

G. Yin

2022年12月 6日

December 6, 2022

SHENZHEN LANSO ELECTRONICS CO., LTD.
GENERAL MANAGER GUO XIANNING

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

2022年11月18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 2022年12月 6日付にて
交付され、 2029年12月 5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 Nov 18, 2022, for conformity assessment for the
specified product hereunder, the certificate, as enclosed herewith, was issued on Dec 6, 2022 and the term
of validity of this certificate is from the date of its issue to Dec 5, 2029.

記

1. 受 付 番 号 : A 2 2 T 0 8 1 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 : 5N T8AH250V
Model

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

5. 製 造 工 場 名 (Manufacturer)

住 所 : A18TH BLDG, 3RD INDUSTRIAL ZONE, FUQIAO FUYONG TOWN,
Address BAOAN DISTRICT, SHENZHEN, CHINA

氏名又は名称 : SHENZHEN LANSO ELECTRONICS CO., LTD.
Name

6. 型 式 : (Type)

250V, 8A, 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 (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: JET5359-31003-2003
Statement Number
2. 交付年月日: 2022年12月6日
Effective Date December 6, 2022
3. 有効年月日: 2029年12月5日
Date of Validity December 5, 2029
4. 申込者名 (Applicant)
住所 (Address): A18TH BLDG, 3RD INDUSTRIAL ZONE, FUQIAO FUYONG TOWN, BAOAN DISTRICT, SHENZHEN, CHINA

氏名又は名称: SHENZHEN LANSON ELECTRONICS CO., 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 (Address): A18TH BLDG, 3RD INDUSTRIAL ZONE, FUQIAO FUYONG TOWN, BAOAN DISTRICT, SHENZHEN, CHINA

氏名又は名称: SHENZHEN LANSON ELECTRONICS CO., 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 (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".

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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) 5 A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) 1,000 Aを超え1,500 A以下のもの Exceeding 1,000A, and less than or equal to 1,500A

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