

产品规格承认书

Specification For Approval

客户名称:

CUSTOMER: _____

产品名称:

PRODUCT NAME: 贴片保险丝 SMD FUSE

型号规格:

MODEL DETAIL: 24E (RoHS Compliant) 15A 250V

料号:

PART NO.: 24E2150A

供应商:

深圳市良胜电子有限公司

惠州市良胜电子有限公司

SUPPLIER:

SHENZHEN LANSON ELECTRONICS CO., LTD. HUIZHOU LANSON ELECTRONICS CO., LTD.

地址:

惠州仲恺高新区沥林镇英光村惠州仲恺中集智城产业园 12 号厂房

ADDRESS: Factory Building No.12, Zhongji Wisdom City Industrial Park, Zhongkai District, Huizhou.

TEL:0752-3339907

[Http: www.lansonfuse.com](http://www.lansonfuse.com)

FAX:0755-29929812

E-mail: lanson@lansonfuse.com

编 制 PREPARED BY	审 核 CHECKED BY	批 准 APPROVED BY
		

供方签章:

SUPPLIER:

日期:

DATE: 2025.01.15



承 认 SIGNATURE	审 核 CHECKED BY	批 准 APPROVED BY

需方签章:

CUSTOMER:

日期:

DATE:

SHENZHEN LANSON ELECTRONICS CO., LTD.	PRODUCT	EDITION NO.	A/5
	SPECIFICATION	FILE NO.	LS/C-005-34
	MODEL: 24E	PAGE	PAGE 1 OF 4

1. 适用范围 Scope of Application

本产品适用于各种电子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

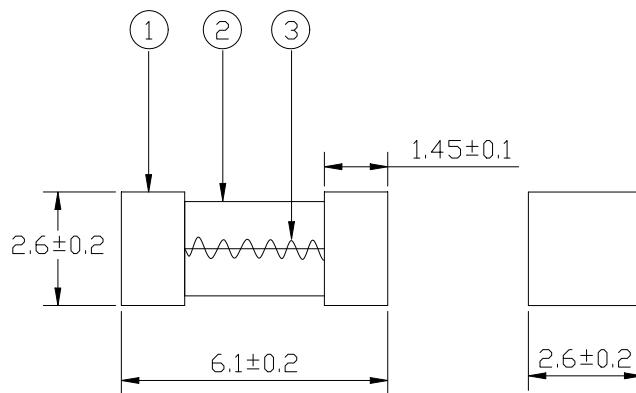
2.1 执行标准 Standard: UL248-1、UL248-14

2.2 认证 Certification

认证 Certification	认证范围 Scope of Certification	证书编号 Certification No.
UL	100mA~20A	E221465
PSE	1A-5A	JET5359-31007-2004
PSE	6.3A-15A	JET5359-31007-2005

3. 结构尺寸及原材料明细 Structure Size and Material Detail

3.1 结构尺寸 Structure Size (unit: mm)



3.2 原材料明细 Material Detail

编号 No.	零件名称 Part Name	材质 Material
①	端帽 End cap	黄铜表面镀银 Silver plated brass
②	陶瓷管 Ceramic tube	陶瓷 Ceramic
③	熔丝 Fuse element	合金线 Alloy

SHENZHEN LANSON ELECTRONICS CO., LTD.	PRODUCT	EDITION NO.	A/5
	SPECIFICATION	FILE NO.	LS/C-005-34
	MODEL: 24E	PAGE	PAGE 2 OF 4

4. 标示 Mark

4.1 保险丝上需有下列标示: The fuse shall have the following marking:

良胜标志 Lanson's logo 
额定电流 Ampere rating 15A

5. 电气特性 Electrical Characteristics

5.1 实验条件: 所有测试环境温度为 $25\pm 5^{\circ}\text{C}$ 。

Test Condition: All electrical characteristics tests are conducted at an ambient temperature of $25\pm 5^{\circ}\text{C}$.

5.2 时间-电流特性

Time-Current Characteristics

额定电流的% % of ampere rating	熔断时间 Opening time
100%	4 hours Min
200%	<120 s

5.3 额定分断能力:

Interrupting Rating:

50 Amperes at 125 V /250 V/300V/350V AC (100mA ~20A)

50 Amperes at 125V DC (100mA ~20A)

6. 环境特性 Environmental Characteristics

6.1 使用温度范围 Operating Temperature

$-40^{\circ}\text{C}\sim 125^{\circ}\text{C}$ 。

6.2 保存条件 Storage Conditions

相对湿度 $\leq 75\%$, 可以存放 3 年。

Relative humidity $\leq 75\%$, store 3 years.

6.3 库存产品超过 1 年后需对产品可焊性和产品熔断性能进行验证。

The solderability and performance of the products in stock shall be verified after more than 1 year.

7. 可靠性试验 Reliability Test

7.1 冷热冲击试验 Thermal Shock Test

MIL-STD-202G, Method 107G。

7.2 防潮湿试验 Moisture Resistance Test

MIL-STD-202G, Method 106G。

7.3 振动试验 Vibration Test

MIL-STD-202G, Method 201A。

7.4 可焊性试验 Solderability Test

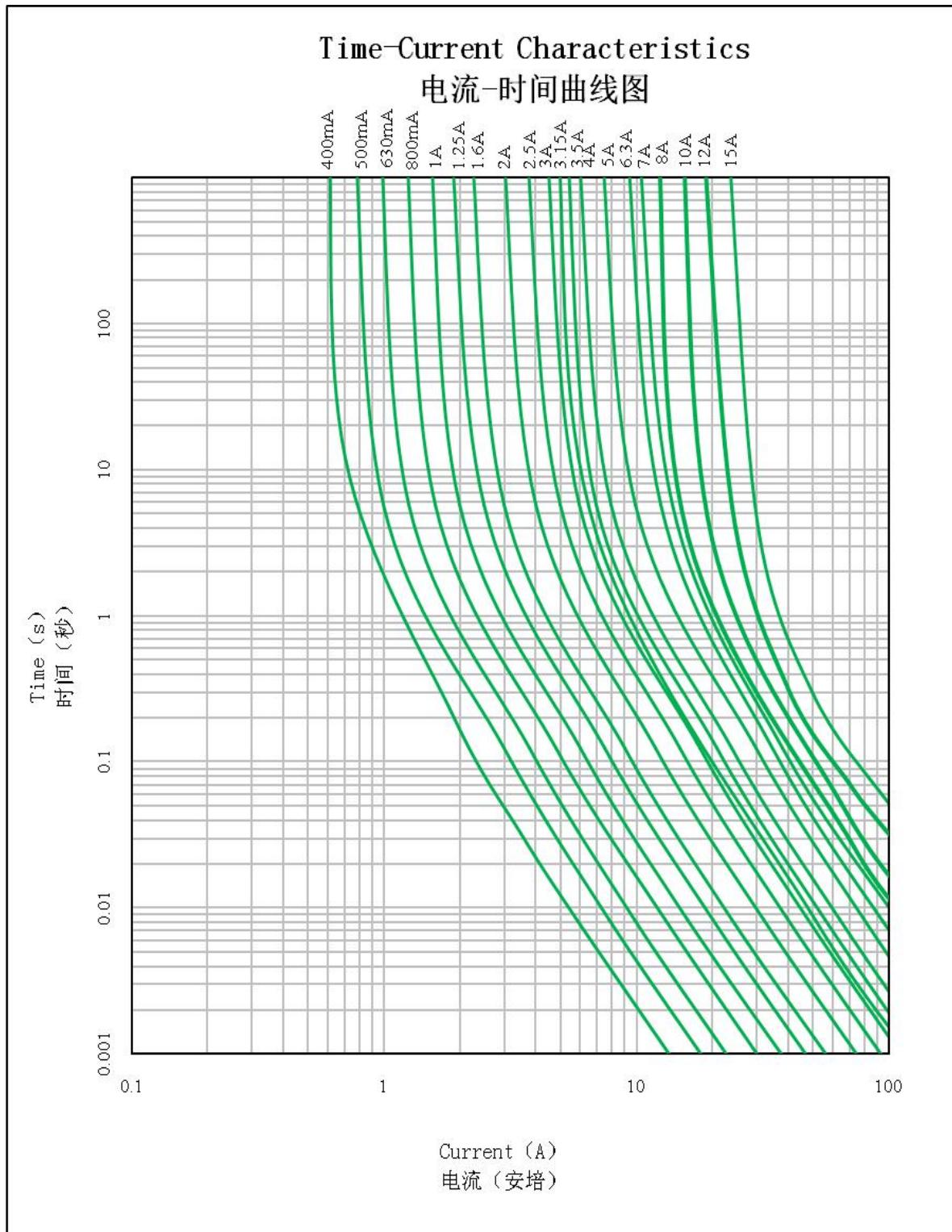
MIL-STD-202G, Method 208H, IEC60127-2, IEC60068-2。

7.5 焊锡附着力试验 Solder adhesion test

保险丝上锡后可以承受 3KG 的推力 Fuse can subtain 3KG thrust after tin.

SHENZHEN LANSON ELECTRONICS CO., LTD.	PRODUCT	EDITION NO.	A/5
	SPECIFICATION	FILE NO.	LS/C-005-34
	MODEL: 24E	PAGE	PAGE 3 OF 4

8. 时间-电流曲线图 Time-Current Curve



SHENZHEN LANSON ELECTRONICS CO., LTD.	PRODUCT SPECIFICATION	EDITION NO.	A/5
	FILE NO.	LS/C-005-34	
	MODEL: 24E	PAGE	PAGE 4 OF 4

9. 焊锡参数 Soldering Parameters

9.1 回流焊 Reflow Soldering

9.1.1 温度 Temperature 260°C

9.1.2 时间 Time ≤ 10 seconds

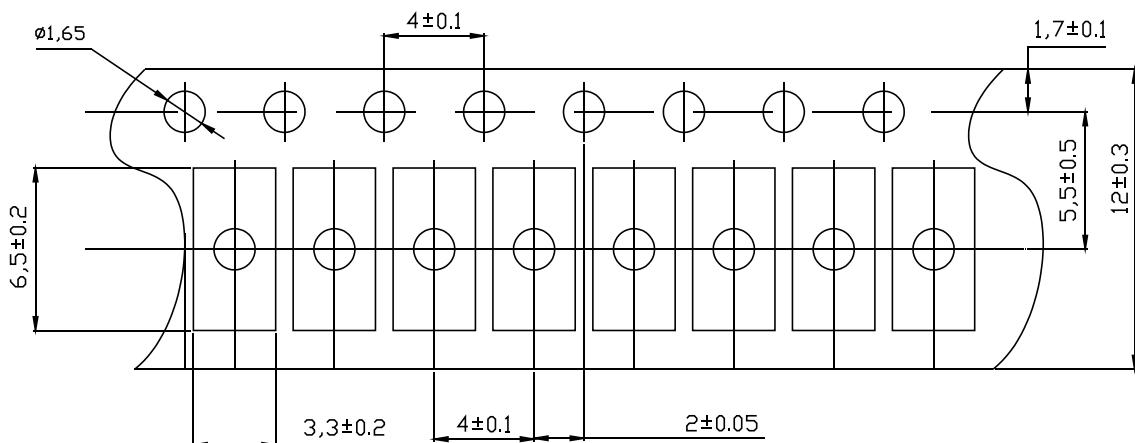
9.1.3 最大可以承受三次回流焊

Capable for three times reflow

10. 包装 Packing

10.1 自动机器包装 1500PCS/卷。Automaton taped 1500PCS per reel.

10.2 包装尺寸 Packing Size (unit: mm)





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

12H	3.2 x 1.6 x 0.65 (0.13 x 0.06 x 0.03)	0.1-5	125Vac	50
		0.1-5	125Vdc	50
		0.1-5	63Vdc	50
		6-10	32Vdc	100
		12-30	24Vdc	300

Supplemental micro fuses: surface mount, cartridge enclosed

24E	6.1 x 2.6 x 2.6 (0.24 x 0.10 x 0.10)	0.1-20	350Vac	50
		0.1-20	300Vac	50
		0.1-20	250Vac	50
		0.1-20	125Vac	50
		0.1-20	125Vdc	50
24F	6.1 x 2.6 x 2.6 (0.24 x 0.10 x 0.10)	0.1-7	125Vac	50
		0.1-7	250Vac	50
		0.1-7	125Vdc	50
32E	10.25 x 3.2 x 3.2 (0.40 x 0.13 x 0.13)	0.05-60	250Vac	100
		0.05-60	125Vac	100
		0.05-60	100Vdc	600
		0.05-60	72Vdc	600
		0.05-60	60Vdc	600
		0.05-60	32Vdc	1000

Marking: Company name and model designation.

Last Updated on 2022-02-09

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2022 UL LLC"



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

Fuses, Supplemental Certified for Canada - 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

12H	3.2 x 1.6 x 0.65 (0.13 x 0.06 x 0.03)	0.1-5	125Vac	50
		0.1-5	125Vdc	50
		0.1-5	63Vdc	50
		6-10	32Vdc	100
		12-30	24Vdc	300

Supplemental micro fuses: surface mount, cartridge enclosed

24E	6.1 x 2.6 x 2.6 (0.24 x 0.10 x 0.10)	0.1-20	350Vac	50
		0.1-20	300Vac	50
		0.1-20	250Vac	50
		0.1-20	125Vac	50
		0.1-20	125Vdc	50
24F	6.1 x 2.6 x 2.6 (0.24 x 0.10 x 0.10)	0.1-7	125Vac	50
		0.1-7	250Vac	50
		0.1-7	125Vdc	50
32E	10.25 x 3.2 x 3.2 (0.40 x 0.13 x 0.13)	0.05-60	250Vac	100
		0.05-60	125Vac	100
		0.05-60	100Vdc	600
		0.05-60	72Vdc	600
		0.05-60	60Vdc	600
		0.05-60	32Vdc	1000

Marking: Company name, model designation and the Recognized Component Mark for Canada,



Last Updated on 2022-02-09

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2022 UL LLC"

2022年 8月26日

August 26, 2022

SHENZHEN LANSON 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 7月28日 付けでお申込みいただきました下記の特定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 2022年 8月26日付にて交付され、 2029年 8月25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 Jul 28, 2022, for conformity assessment for the specified product hereunder, the certificate, as enclosed herewith, was issued on Aug 26, 2022 and the term of validity of this certificate is from the date of its issue to Aug 25, 2029.

記

1. 受付番号 : A22T0448
Project No.
2. 特定電気用品名 : その他の包装ヒューズ
Name of Product Other enclosed fuses
3. 製品の型 : 24E 6.3A 250V
Model
4. 証明書番号 : JET5359-31007-2005
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 LANSON ELECTRONICS CO., LTD.
Name
6. 型式 : (Type)
250V, 6.3A, 銅合金1, 非再用型, 充てん物あり, 磁器筒, 角形端子, 排気孔なし, 溶断表示なし, 電子機器用, 遮断電流 63A

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: JET5359-31007-2005
Statement Number
2. 交付年月日: 2022年8月26日
Effective Date August 26, 2022
3. 有効年月日: 2029年8月25日
Date of Validity August 25, 2029
4. 申込者名 (Applicant)
住所: A18TH BLDG, 3RD INDUSTRIAL ZONE, FUQIAO FUYONG TOWN, BAOAN DISTRICT, SHENZHEN, CHINA
Address

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

5. 特定電気用品名: その他の包装ヒューズ
Name of Product Other enclosed 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: A18TH BLDG, 3RD INDUSTRIAL ZONE, FUQIAO FUYONG TOWN, BAOAN DISTRICT, SHENZHEN, CHINA
Address

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 J60127-7(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と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 : J E T 5 3 5 9 - 3 1 0 0 7 - 2 0 0 5

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を超えるもの 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)	(2) できないもの Not reusable
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	(5) その他のもの Others
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	(1) 100A以下のもの 100A or less

証明書番号 : J E T 5 3 5 9 - 3 1 0 0 7 - 2 0 0 5