

PRODUCT SPECIFICATION

CUSTOMER

PRODUCT NAME

FUSE

MODEL DETAIL

SMT T3.15A 250V (TIME-LAG)

PART NO.

SMT1315AP

SUPPLIER

SHENZHEN LANSON ELECTRONICS CO., LTD.

A18

SHENZHEN LANSON ELECTRONICS CO.,LTD.	PRODUCT	EDITION NO.	A/5
	SPECIFICATION	FILE NO.	LS/C 005 28
	MODEL SMT	PAGE	PAGE 1 OF 4

1. Scope of application

This product is suitable for various kinds of electronic machines to work for over current protection.

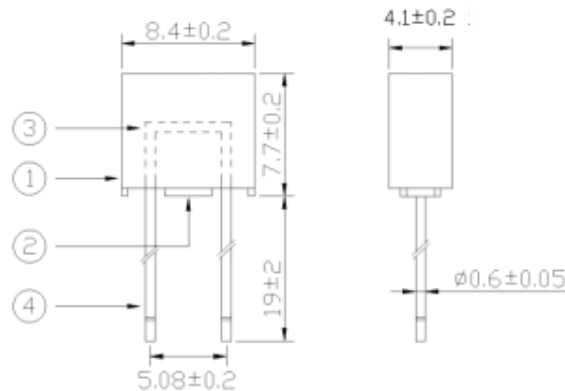
2. Relevant Standards and Certification

2.1 Standards IEC60127 1 IEC60127 3 GB/T9364.1 GB/T9364.3

2.2 Certification

Certification	Scope of Certification	Certification No.
UL	100mA~20A	E221465
CCC	500mA~6.3A	2020970207000101
VDE	5A~6.3A	40013102
VDE	500mA~4A	40012592
SEMKO	500mA~6.3A	1708229
PSE	1A~5A	JET5359 31007 2002
KTL	500mA~800mA	SU05026 7011A
	1A~2.5A	SU05026 7012A
	3.15A~4A	SU05026 7013A
	5A~6.3A	SU05026 14003

3. Structure and Size (unit: mm)




4. Material Details

No.	Part Name	Material
	Case	Thermoplastic Nylon UL94 V0
	Base	Thermoplastic Nylon UL94 V0
	Fuse element	Alloy
	Lead wire	Tinned copper wire

SHENZHEN LANSON ELECTRONICS CO.,LTD.	PRODUCT	EDITION NO.	A/5
	SPECIFICATION	FILE NO.	LS/C 005 28
	MODEL SMT	PAGE	PAGE 2 OF 4

5. Marking

The fuse shall have the following marking :

Lanson's logo 
Time lag Symbol T
Ampere rating 3.15A
Voltage rating 250V
Product Model SMT
Approved Symbol



6. Appearance

6.1

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

6.2

Marking shall be easily legible.

7. Mechanical characteristics

Tensile test

10N

1

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. Electrical characteristics

8.1 Test condition

25±5

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

8.2 Interrupting rating test

35A 10

0.1

The fuse interrupting capacity 35A or 10 times the rated current whichever is greater. After interrupting, the insulation resistance between the fuse terminations shall be not less than 0.1 .

SHENZHEN LANSON ELECTRONICS CO.,LTD.	PRODUCT	EDITION NO.	A/5
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8.3 Time Current Characteristics

% % of ampere rating	Opening time
210%	2 min Max
275%	400 ms~10 s
400%	150 ms~3 s
1000%	20 ms~150 ms

8.4 Endurance test

1 , 15 ,

100

A 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 Soldering parameters

8.5.1 260 , 10

Wave soldering 260 ,10 sec. Maximum

8.5.2 370 , 5

Manual soldering 370 , 5 sec. Maximum

8.6 Time current curve see attachment

9. Environmental characteristics

9.1 Operating Temperature

55 125

9.2 Storage Conditions

75% 3

Relative humidity 75%, store 3 years .

10. Packing

10.1 500PCS/ 3 / 10 / ()

500 fuses per plastic bag, 3 plastic bags per inner box, 10 inner boxes per external carton.

(The actual case in accordance with the customer order)

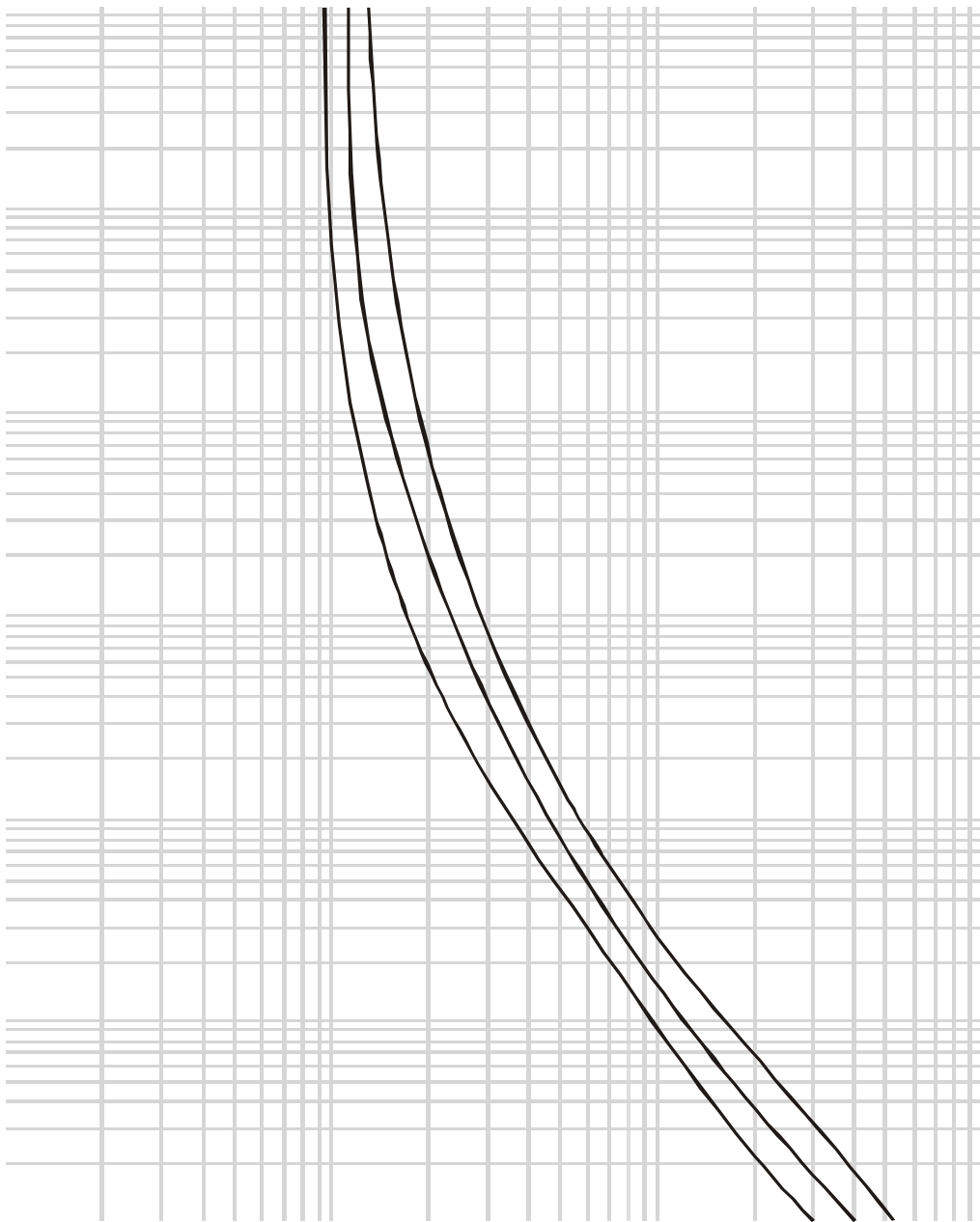
10.2 RoHS

The product is compliant with RoHS Directive

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

SHENZHEN LANSON ELECTRONICS CO.,LTD.	PRODUCT	EDITION NO.	A/5
	SPECIFICATION	FILE NO.	LS/C 005 28
	MODEL SMT	PAGE	PAGE 4 OF 4

attachment



UL Product iQ™

JDYX2.E221465 - Fuses, Supplemental

Fuses, Supplemental - Component

SHENZHEN LANGSON ELECTRONICS CO LTD
 A18TH BLDG
 3 INDUSTRIAL ZONE
 FUQIAO FU
 SHENZHEN YONG TOWN, BAO'AN DISTRICT
 , GUANGDONG 518133 China

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

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Certificate No. Page
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Certificate holder
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letzte Änderung / updated Datum / Date
2017-03-20 2004-12-16

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- 500 mA
- 630 mA
- 800 mA
- 1 A
- 1,25 A
- 1,6 A
- 2 A
- 2,5 A
- 3,15 A
- 4 A

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y requirements of the EC Low-Voltage Directive



VDE
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E Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*
Name: Shenzhen Lanson Electronics Co. Ltd., A18th Bldg., 3rd Industrial Zone, Fuqiao
Shenzhen, SHENZHEN, Guangdong, CHINA
DIS

Zeichensymbol / *File ref.* letzte Änderung / *Last change*
Aktenzeichen / *File No.* 079-1170-0005 / 234779 / CC2 / EUL 2017-09-04
500%

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40012592.
This supplement is only valid in conjunction with page 1 of the Certificate No. 40012592.
This

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
VDE Gebiet CC2
Fachbereich CC2
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VDE Prüf- und Zertifizierungsinstitut

Ausweis-Nr. /
Certificate No.
40012592

Beiblatt /
Supplement

Name und Sitz des Genehmigungs-Inhabers / Name and registered seat of the Certificate holder
Shenzhen Lanson Electronics Co., Ltd., A18th Bldg., 3rd Industrial Zone, Fuqiao Fuyong Town, 518103 BAOAN DISTRICT, SHENZHEN, Guangdong, CHINA

Aktenzeichen / File reference
5002979-1170-0015 / 234779 / 02 / EUL

letzte Änderung / updated
2017-03-20

Datum / Date
2004-12-16

Dieses Beiblatt ist Bestandteil des Zertifikats / This supplement is part of the Certificate
Zertifikatsnummer / Certificate No. 40012592

ausweis-Nr. 40012592.

Kleinleistungssicherung / Sub-miniature fuse-link

Fertigungsstätte(r) / Place(s) of manufacture

Referenz / Reference
30014703
Shenzhen Lanson Electronics Co., Ltd., A18th Bldg., 3rd Industrial Zone, Fuqiao Fuyong Town, 518103 BAOAN DISTRICT, SHENZHEN, CHINA

SHENZHEN

VDE Prüf- und Zertifizierungsinstitut
VDE Testing and Certification Institute
Fachbereich CC2
Sektion CC2



VDE Prüf- Zeichen

Name und Sitz des Generaldirektors
Shenzhen DISTRICT, SH

Aktenzeichen / File ref.
5002979-1170-0005

Dieses Blatt gilt nur in Verbindung mit dem zugehörigen VDE-Zeichen
This supplement is only valid in conjunction with the corresponding VDE mark

Genehmigung zum VDE-Zeichen

Grundlage für die Zertifizierung ist die VDE-Zertifizierungsanforderung VDE 0100-1000. Die Hersteller haben, sofern zurückgezogen, die gesetzlichen Bestimmungen der VDE-Zertifizierung zu befolgen.

Approval to use the VDE mark is granted on the basis of the VDE certification requirements VDE 0100-1000. The manufacturer shall be required to comply with the VDE certification requirements.



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CNCA-C02-
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路开关及保
护或连接用
电器装置
(电器附
件)

超小型熔断体

SMT T50mA250V、SMT
 T630mA250V、SMT
 T800mA250V、SMT
 T1A250V、SMT
 T1.25A250V、SMT
 T1.6A250V、SMT
 T2A250V、SMT
 T2.5A250V、SMT
 T3.15A250V、SMT
 T4A250V、SMT
 T5A250V、SMT
 T6.3A250V、SMT

GB/T 13212-2018;

4.1-2015

生产企业信息

生产企业名称
 深圳市良胜电子有限公司

国别
 中国

生产企业统一社会信用代码
 713212274

企业地址
 宝安区福
 桥头富桥
 业区二期
 第二、三

附件信息

批量下载

序号	附件名称	操作
1	生产者及授权代表 (适用时) 自我声明	预览

备注

同等試験証明書
Certificate of Conformity As Tested

電気用品
2項の
査に係る
I hereby certify
Article 8 of
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1. 証書
Statutory Certificate
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359-37
1月7日
2022
1月6日
2023

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LANSON EL

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requirements stipulated in Paragraph 1 of
the Act) and the requirements defined by
Article 9 of the Act (limited to Item 2

2002

ZONE, FUQIAO FUYONG
HEN, CHINA

CO., LTD.

ZONE, FUQIAO FUYONG
HEN, CHINA

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8)及びJ60127-3 (H28)
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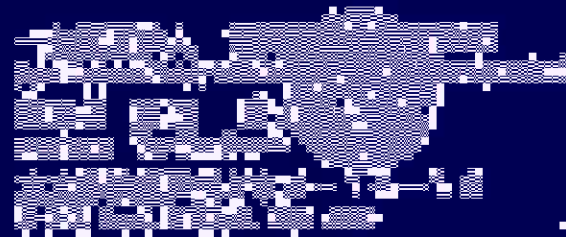
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전기

Electrical

안전인증번호 : SU0502
(Certificate No.)

제조업자명 : SHINJIN
(Factory)

대표자명 : 김희재
(President)

제조공장의
소재지 : 서울특별시 강남구 테헤란로 123
(Factory Address)

제품명 : 소형 에어컨
(Product)

기본모델명 : SMT-12
(Basic Model)

정격 : 12.15A
(Rating)

파형모델명 : SMT-12
(Series Model)

적용기준 : KC0127
(Standard)

「전기용품안전 관리법」
안전인증서를 발급합니다.
We Issue Electrical Appliances
of the Electrical Appliances

kc

※ 이 인증서는 「전기용품안전
법」이 적용되는 제품과 관련
사항에 대한 인증을 증명합니다.

첨 부 : 1. 안전관리부서
(Annex) 2. 기본모델명
3. 전기용품안전인증



Korea Testing Laboratory

안전인증번호: SU05026-7013A
Certification No.

첨부 1 : 안전관리부품
List of Critical Components

부품 및 재질목록
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				
<p><input type="checkbox"/> 유의사항 (Attention)</p> <p>1. 안전관리부품은 전기안전관리 하는 사항입니다. 안전인증기관에 인증된 안전에 직접적인 영향을 주는 부품으로서 안전인증기관이 정기공장검사 시 확인을 원하시는 경우는 <i>As the "Critical components" are parts in directly related with safety, these components shall be checked during a factory inspection above, the certification body. In case of applying multiple listing or changing the items</i></p> <p>2. 인증변경신청 없이 취소사유가 됨을 유 <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></p>				

FP511-10-00



Korea Testing Laboratory

안전인증번호: SU05026
Certification No.

11-7013A

첨부 2 : 기본모델 파생모델의 내용
General description of Certified Products

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)	
SMT T4A 250V	Rated current and breaking capacity are changed (T 4 A 250 V, 40 A)	
	제품특기사항 및 시험조건 Remarks & Test conditions	
<p>1. Test Report Ref. No.: 07-1920-3929 (2007.09.19.)</p> <p>2. Product Description</p> <ul style="list-style-type: none"> - Miniature fuses - Standard sheet 4 - Time-lag type - Low-breaking capacity - T 3.15 A 250 V, 35 A 		
<p><input type="checkbox"/> 본 제품의 시험내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 시험 담당자 / 연락처 : 디지털산업본부 전기전자평가센터 조인철 / (02)860-1425</p> <p><input type="checkbox"/> If you have any questions on product testing, please contact the person below : Job holder: Digital Industry Division, Electrics&Electronics Testing Center,, INCHUL CHO/+82 2 8601-425</p>		

FP511-09-00

첨부 3 : 전기용품안전인증의 변경 현황
Status of Certificate Revisions

	변경발급 내용 Contents of Certificate Revisions	
1 st Rev.) EK Certificate	Certificate update to KC certificate (11-1920-3417 : 2011.06.17.)	

FP511-11-00