

PRODUCT SPECIFICATION

-

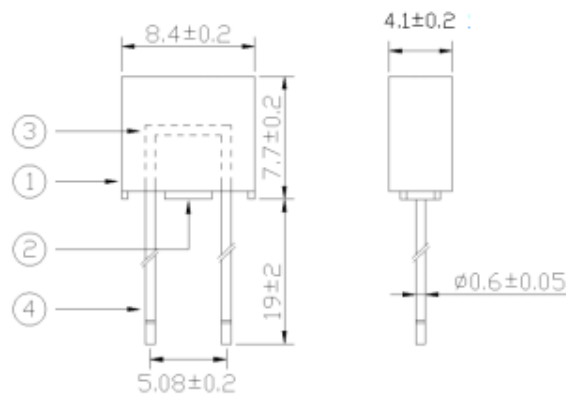
SHENZHEN LANSON ELECTRONICS CO.,LTD.	PRODUCT	EDITION NO.	A/5
	SPECIFICATION	FILE NO.	LS/C 005 28
	MODEL SMT	PAGE	PAGE 1 OF 4

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

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



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

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 

6.1

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

6.2

Marking shall be easily legible.

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.

8.1 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
	SPECIFICATION	FILE NO.	LS/C 005 28
	MODEL SMT	PAGE	PAGE 3 OF 4

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

9.1 Operating Temperature

55 125

9.2 Storage Conditions

75% 3

Relative humidity 75%, store 3 years .

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)

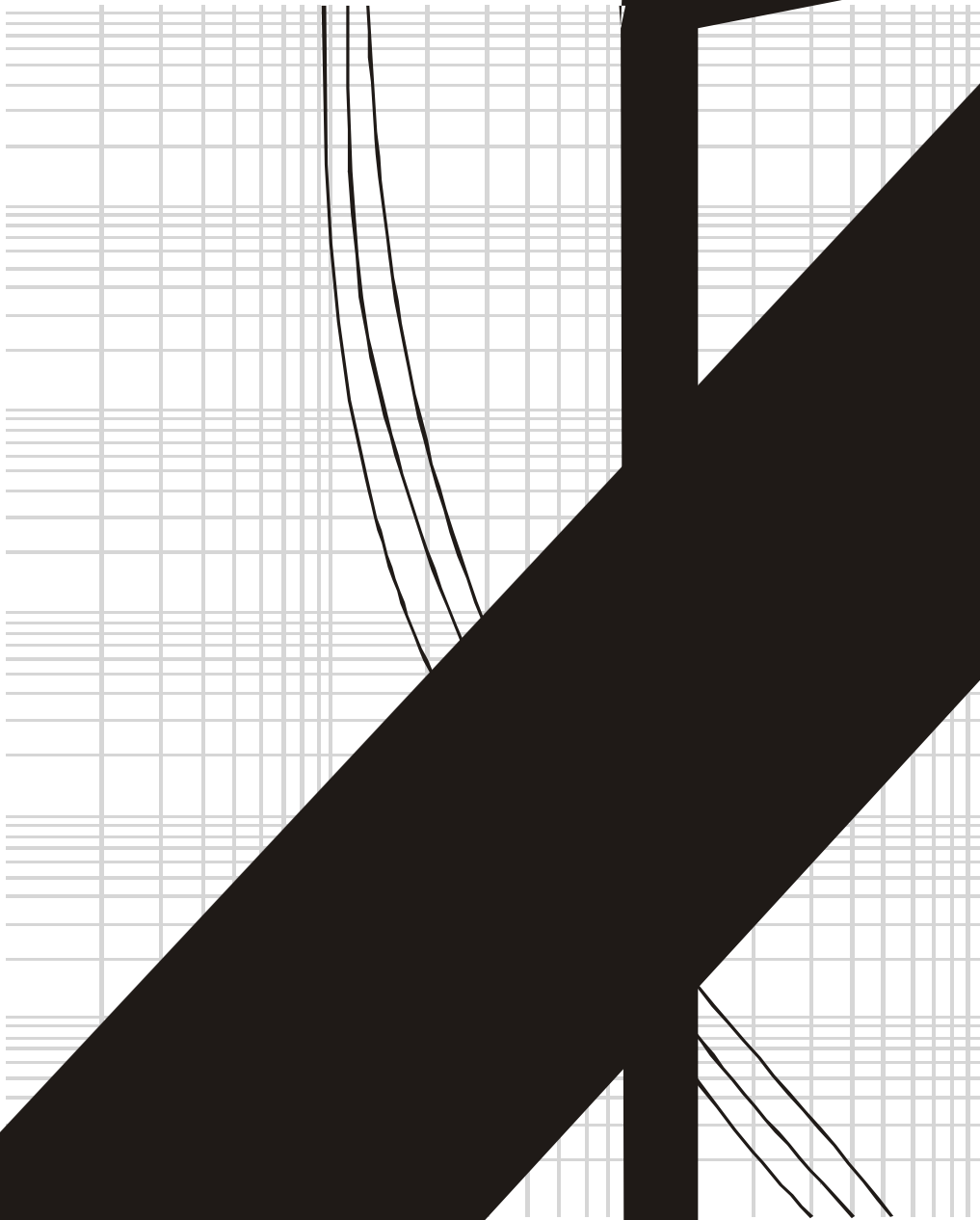
10.2 RoHS

The product is compliant with RoHS Directive

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

SHENZHEN LANSON ELECTRONICS CO.,LTD.	PRODUCT	
	SPECIFICATION	
	MODEL SMT	

attachment



2022/2/14

JDYX: 2.E221465 - Fuses, Supplemental - Com

UL Product iQ™

JDYX2.E221465 - Fuses, Supplemental

Fuses, Supplemental - Com

SHENZHEN LANSON ELECTRONICS CO LTD
 A18TH BLDG
 3 INDUSTRIAL ZONE
 FUQIAO FUYONG TOWN, BAO'AN DISTRICT
 SHENZHEN, GUANGDONG 518133 China

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

JL P

SHENZ
A18TH
3 INDU
FUQIA
SHENZ

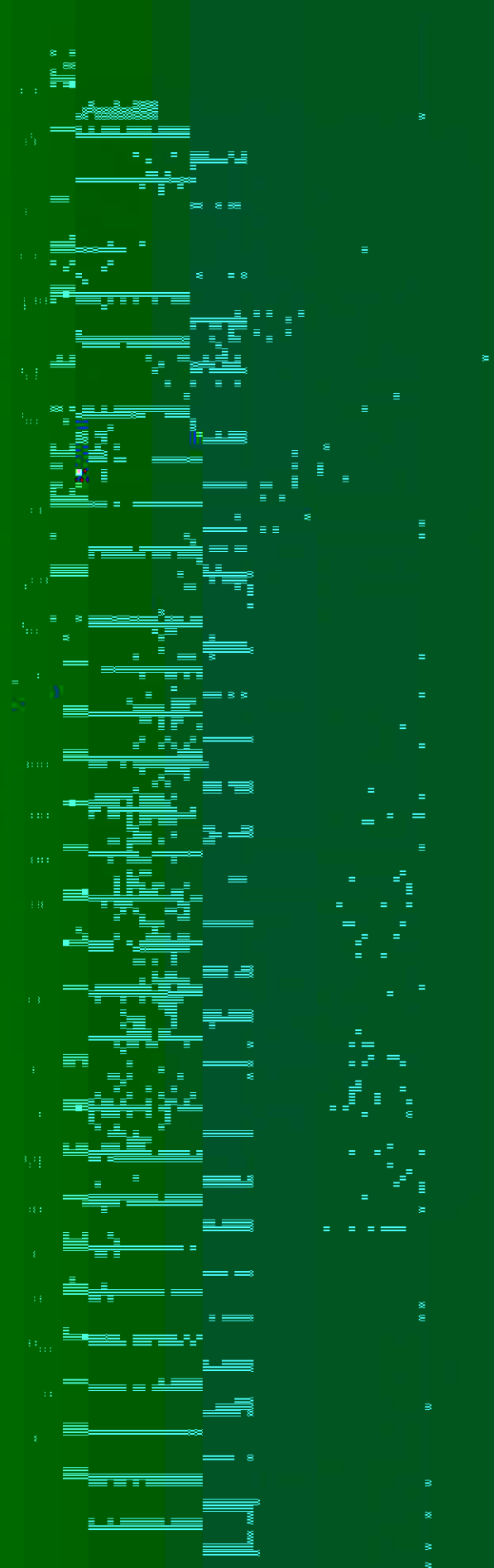
http:

s://iq.ulp

2022/2/14

SPT	8.4 x (0.33)	
SQT	8.4 x (0.33)	
Supplemental micr		
SMT	8.4 x (0.33)	
Supplemental micr		
12D	0.65 (0.33)	

<https://iq.ulprospector.com/en/profile>



VDE



Prüf- und Zertifizierungsinstitut

ZEICHENGENEHMUNG MARKS APPROVAL

Shenzhen Lanson Electronics Co. Ltd.
 A18th Bldg., 3rd Industrial Zone
 Fuqiao Fuyong TOWN
 518103 BAOAN DISTRICT, SHENZHEN
 CHINA

ist berechtigt, für ihr Produkt /
 is authorized to use for the
 Einsatz /
 Sub-miniature fuse-link

the d
 e legally p. für C
 rotecte

abgebildeten markenrechtlich
 ie ab Blatt 2 aufgeführten Typ
 d Marks as shown below for

gesch
 pen zu
 he type

ützten Zeichen
 benutzen /
 as referred to on page 2 ff.



DIN EN 601:
 DIN EN 601:
 IEC 60127-27-1 (VDE
 IEC 60127-27-3 (VDE
 IEC 60127-1:2006
 IEC 60127-3:2006/AM
 I:2006/AM
 I:2015

Geprüft und zertifiziert nach /
 Tested and certified according to
 0820-1):2015-12; EN 60127-1:2006+A2:2011
 820-3):2015-11; EN 60127-3:2015

D1:2011
 2:2015

VDE Prüf- und Zert
 VDE Testing and C
 Zertifizierungsstelle
 R. Nickel
 VDE Zertifikate sind nur gültig bei Veröffentlichung unter:
 VDE certificates are valid only when published on:

Aktenzeichen: 500297
 File ref.: 9-1170-0005 / 234779
 Ausweis-Nr.: 40012
 Certificate No.: 192
 Weitere Bedingungen siehe Rückseite und Folgebblätter /
 further conditions see reverse and following pages
 Offenbach, 21. August 2017
 (letzte Änderung / up to date)
 Zertifikat dated 2017-03-20)
 http://www.vde.com/certificate

Blatt 1
Page



VL
Ze

Name
She
DIS

Akter
500:

Dies
This

Kle
Sul

Type

SM1
SM1
SM1
SM1
SM1
SM1
SM1
SM1
SM1
SM1
SM1

Bem
Rate

Norr
Stan

Ken
Cha

Bem
Rate

Zeit/
Time

Anme
Rema

Diese
CE-K
grunc
This
his a
2014.

Forts
conti

Prüf- und Zertifizierungsinstitut Genehmigung

Genehmigungs-Inhabers / Name and registered seat of the
Electronics Co. Ltd., A18th Bldg., 3rd Indust
ZHEN, Guangdong, CHINA

5 / 234779 / CC2 / EUL

Verbindung mit Blatt 1 des Zeichengenehmigung
only valid in conjunction with page 1 of the Certificate

Leistungseinsatz
fuse-link

Bem
Ra

nur

g AC 250 V

er C 4

Charakteristik T

Leistungsfähigkeit 35 A bzw. 10 x In
35 A resp. 10 x In

Charakteristik träge
Characteristic time-lag

Die Prüfspannung in Abs
The test voltage in clause

Genehmigungs-Ausweis bildet eine Grund
durch den Hersteller oder dessen Bevollmächtigten
Nutzanforderungen der **EG-Niederspannungsrichtlinie**
is a basis for the EC Declaration of Conformity
ensures the conformity with the essential safety requirements

Blatt 3 /
3

V
Z

E Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Nam
Sh
DIS

Standort / Name and registered seat of the Certificate holder
Shenzhen Lanson Electronics Co. Ltd., A18th Bldg., 3rd Industrial Zone, Fuqiao
District, SHENZHEN, Guangdong, CHINA

Akt
500

Zeichensymbol / File ref.
379-1170-0005 / 234779 / CC2 / EUL

letzte Änderung
2017-0

Dies
This

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.

VDE
VDE
Fach
Sec

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

**VDE Prüf- und Zertifizierungs-
Institution**

Namens- und Sitz des Genehmigungs-Instituts
Shenzhen Larson Electronics Co., Ltd.
DISTRICT, SHENZHEN, Guangdong

Akter
500 Zeichen / Folio
2979-1170-3005 / 234779 / 1170

Dieses Beiblatt ist Bestandteil des Zertifikats
This supplement is part of the Certificate

**Kleinleistungssicherungseinsatz
Sub-miniature fuse-link**

Fertigungsstätte(n)
Place(s) of manufacture

Referenz/Reference
300
14703

Shenzhen
Co., Ltd.
A18th
Fuqiang
518103
Guangdong
CHINA

VDE
VDE Prüf- und Zertifizierungsinst.
Fachbereich Testing and Certification Inst.
Sechengebiet CC2
Division CC2

VDE Prüf Zeichnung

Name und Sitz des
Shenzhen Lansco
DISTRICT, SHE

Aktenzeichen / File n
5002979-1170-0

Dieses Blatt gilt nur
This supplement is

Genehmigung z VDE:

Grundlage für
Zertifizierte
bezeichnete Fir
zugeordnete En B
Herstellung der G
Die Genehmigun
haben, sofern sie
zurückgezogen v
Der Gültigkeitsz
gesetzliche Anun
einem frühere a
Produkte, die d
2009/251/EG nich
Der VDE-Zeichn

Approval to use
Basis for the us
(www.vde.com) ter
named places of r
shall be equipped
The approval is v
unless it is withdra
The validity / period
or normative requ
Products containi
market according
The approval is sc



管，
性由
联系

自
方
自
编
自
时

自
状
变

>>

生产

生产者名称

生产者联系人

产品

产品号

产品

统

息报送与监

真实性、准确

投诉或举报请



000101

区福永街道

期A18幢

sonfuse.com

CNCA-C02-
01:2014 电
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 T500mA250V、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	GB/T9364.3- 2018;GB/T9364.1-2015
--------	---	-------------------------------------

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
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幢(第二、三层)

附件信息 [批量下载](#)

序号	附件名称	操作	备注
1	生产者及授权代表(适用时)自我声明	预览	

電気用品
2項の経
査に係る

I hereby certify
Article 8 of Electr
the ordinance of t
of Paragraph 1 of

- 1. 証明書
Statement
- 2. 交付年
Effective
- 3. 有効年
Date of Va
- 4. 申込
住
Address

氏名又
Name

- 5. 特定電気
Name of Pr
- 6. 型式の
Type Class
- 7. 製造
住
Address

氏名又
Name

- 8. 適用試
Applied Stand

9. 適合性

- 1) 試験用の
解釈に
With respect
description
- 2) 当該特定
電気用品
ぞれ同表
With respect
of the technic
Enforcement F

証明
Assessment

る技
法第9
ること
Technical r
ferred to as
Paragraph 2

007

INDUSTRIAL
CT, SHE

ELECTRON

女

INDUSTRIAL
CT, SHE

ELECTRON

標準を
ponents by

7-1(1)

and J8012

Assessm
用品の

g method
ed in the

事業場
設備の

法
Products at
the column

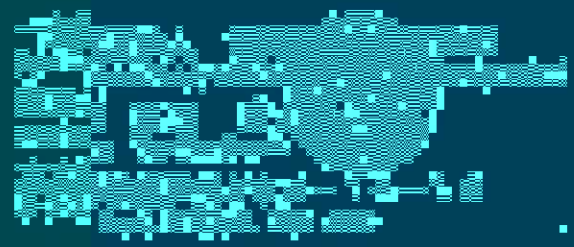
10. 注

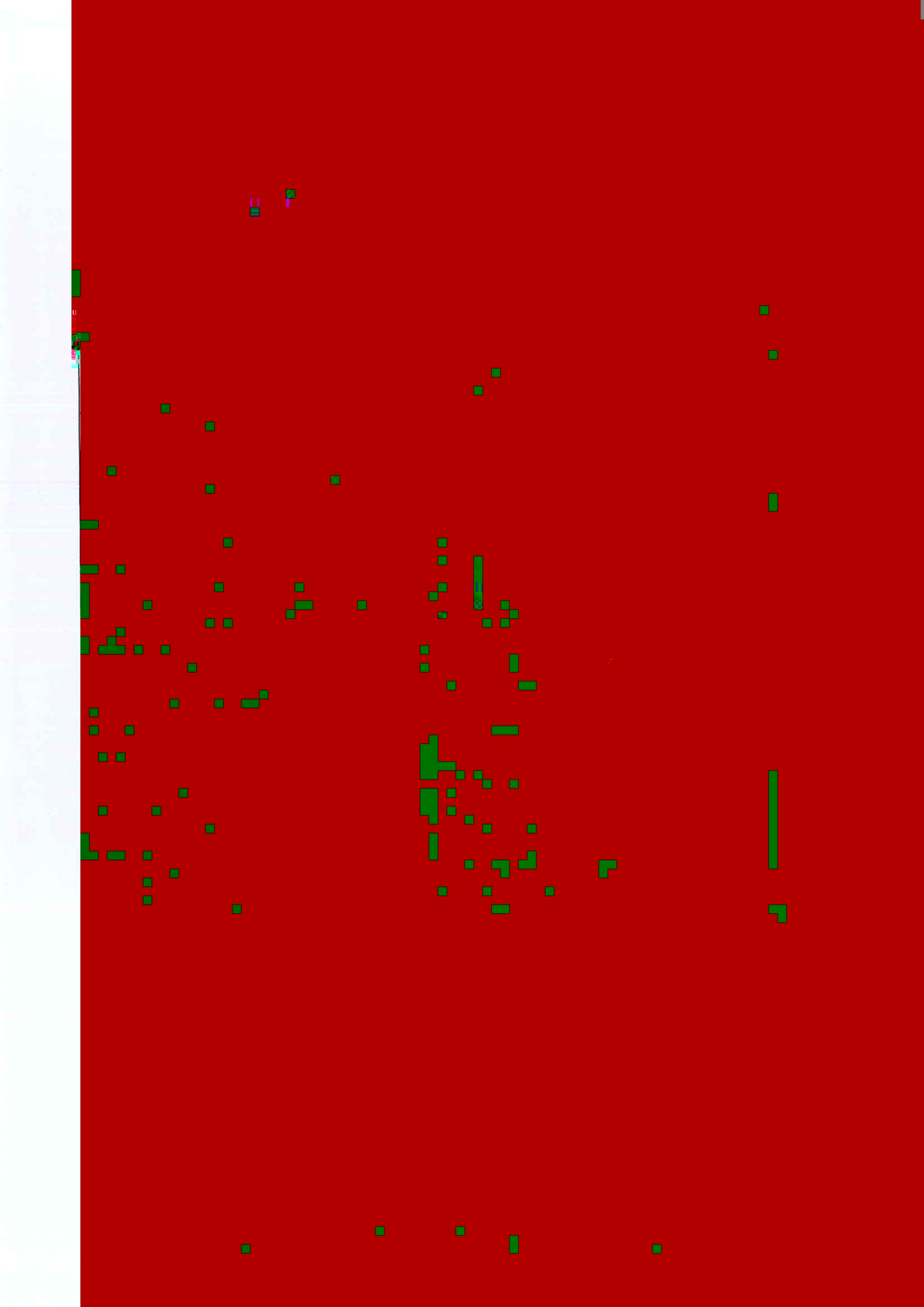
1) この
上で
品を
す

This
Electr
which
Mater

2) この
の組

This
the Typ





전기용품안전인증서

안전인증번호 (Certificate No.) : SU05026-7
 제조업자명 (Factory) : Shenzhen
 대표자명 (Resident) : Mr. Xianni
 제조공장소재지 (Factory Address) : A1 Ba
 품명 (Product) : 소켓
 기본모델명 (Basic Model) : SM
 (Rating) : T3
 파생모델명 (Series Model) : SM
 적용기준 (Standard) : K6

「전기용품안전 관리법」 제127-1호
 안전인증서를 발급합니다.
 We Issue Electrical Appliances Safety Certificate
 for the Electrical Appliances Safety Management Act.



※ 이 인증서는 「전기용품안전 관리법」 제127-1호
 법규가 적용되는 제품에 대해서만 유효합니다.

- 첨언 (Annex) :
1. 안전관리법 제127-1호의 경우
 2. 기본모델명 및 파생모델명
 3. 전기용품 안전인증

안전인증 및 Safety Certification

1. 본 인증서 또는 신고증명서
적합한 경우에만 유효하며
valid only when the product
form the manufacturing
2. 안전인증 또는 자율안전
방법으로 광고, 카탈로그
or cancellation of the
certification mark(KC- mark)
publicly misled to the
3. 다음과 같은 사유가 발생
안전인증 또는 자율안전
재교부 받아야 합니다.
self-regulatory safety certification
reissued for reasons (in
 - 1) 제조자, 대표자, 주소
such as factory name
2) 파생모델의 추가, 변경
series) model (addition,
3) 안전관리부서의 변경
4) 인증서 또는 신고증명
confirmation letter or
4. 안전인증 또는 자율안전
holder) of safety certification
with the following (in
 - 1) 안전인증표시 등 인증
certification mark and other
※ 안전인증을 받기 전
의거 처벌을 받게 됨
before the issue of
2) 자체검사의 실시 및 그
※ 안전인증을 받은 자
양도권 (Recipient of
conducting products
standard
5. 안전인증을 받은 자는 전기
정기검사를 받야 합니다.
shall receive routine(regu-
the Electrical Appliances
decree of the same Act.
(연락처: 품질인증센터, Te-
(Contact point: Quality



Korea Testing Laboratory

안전인증번호: SU05026-7013A
Certification No.

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				
<p><input type="checkbox"/> 유의사항 (Attention) :</p> <p>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 multiple listing or changing the items above, the certification revision shall be applied.</i></p> <p>2. 인증변경신청 없이 임의로 변경하는 경우는, 전기용품 안전관리법 제 8 조제 1 항의 규정에 의한 안전인증 취소사유가 됨을 유의하시기 바랍니다. <i>The Safety Certification will be cancelled under the Safety Control Law for Electrical Appliances, if the contents of the Certification is altered without our authorization.</i></p>				

FP511-10-00



Korea Testing Laboratory

안전인증번호: SU05026-7013A
Certification No.

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 question 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 update to KC certificate (11-1920-3417 : 2011.06.17.)

FP511-11-00