



产品承认书

SPECIFICATION FOR APPROVAL

客户名称
CUSTOMER
客户料号
PART NO
规格描述
DESCRIPTION
精勤料号
JingQin P/N
日期 DATE

Huizhou Jingqin Electronic Components Co., Ltd		
Made By	Checked By	Approval By

Customer Approval		
Prepared By	Checked By	Approval By

惠州精勤电子元件有限公司

Huizhou Jingqin Electronic Components Co.LTD

广东省惠州市仲恺高新区陈江街道曙光路 199 号大欣一区一栋

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贴片氧化锌压敏电阻规格书—M 款 SMD zinc oxide varistor specification –Min

JING QIN®
精勤元件

1、特点 Feature

1.1 先进的封装工艺，封装材料满足 UL94-V0

Advanced packaging technology, packaging materials meet UL94-V0

1.2 结构紧凑，体积小，节省空间

Compact structure, small size, space saving

1.3 优越的高温高湿性能

Superior high temperature and high humidity performance

1.4 强大的抑制高浪涌强电流能力

Strong ability to suppress high surge and high current

1.5 SMD 料盘包装，适用于无铅回流焊/波峰焊自动贴装

SMD tray packaging, suitable for lead-free reflow soldering/wave soldering automatic placement

1.6 符合 RoSH，REACH，H.F 无卤

Comply with RoSH, REACH, H.F

1.7 安规认证：Safety certification:

CUL (NO:E523420)



CQC (NO:CQC21001319729, NO:CQC21001320392)

TUV (NO:B 112025 0001 Rev.00, B 112025 0002 Rev.00)

1.8 管理体系认证：ISO9001:2015 质量管理体系 ISO9001:2015

Quality Management System

ISO14001:2015 环境管理体系

ISO14001:2015 Environmental Management System

IAFT16949 汽车行业质量管理体系

IAFT16949 Automotive Quality Management System

2、应用 Application

2.1 LED circuit protection LED 电路保护

2.2 Industrial equipment 工业设备

2.3 Communication equipment 通讯设备

2.4 Automotive Electronics 汽车电子



贴片氧化锌压敏电阻规格书—M 款 SMD
zinc oxide varistor specification –Min

3、适用标准 Applicable standards

3.1 UL1449

3.2 IEC61051-1, -2, -2-2, IEC60950-1 Annex Q

3.3 GB/T10193, GB/T10194, GB4943.1, GB8898

3.4 IEC61000-4-5

4、品名说明 Part No. Explain

JQ 3225 K 271 G2 M

JING QIN®

贴片尺寸:
SMD Size:

3225≈7.0×5.6×2.45mm

压敏电压公差: ±10%

Varistor voltage

tolerance: ±10%

M 档小尺寸
Min

15 寸料盘卷装:

15" Reel packing:

3225: 4000PCS/reel

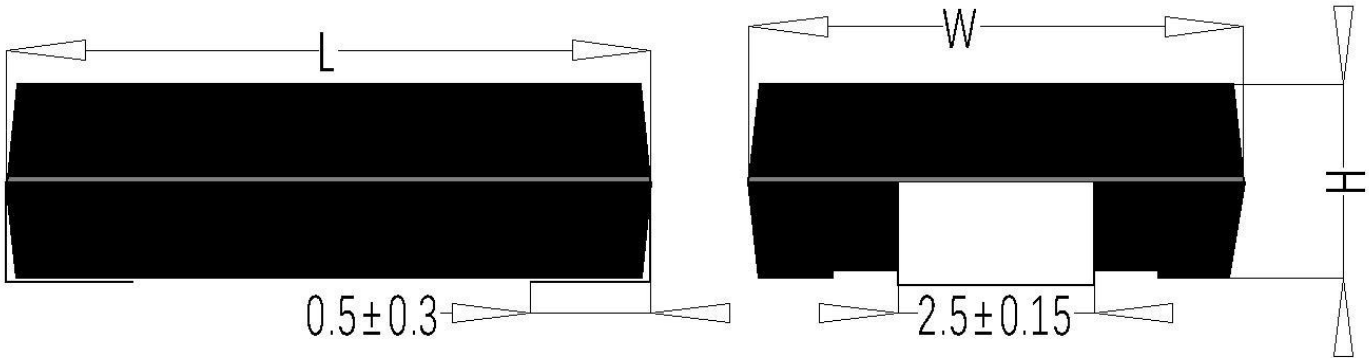
压敏电压 (V_{1mA}): $27 \times 10^1 = 270V$

Varistor voltage (V_{1mA}): $27 \times 10^1 = 270V$

5、通用参数 General Technical data

参数名称 Parameter Name	参数值 Parameter value	单位 Unit
工作温度 Operating temperature	-40 — +125	℃
储存温度 Storage temperature	-40 — +125	℃
耐电压 Voltage Proof	≥2.5	KVRMS
绝缘电阻 Insulation Resistance	≥100	MΩ

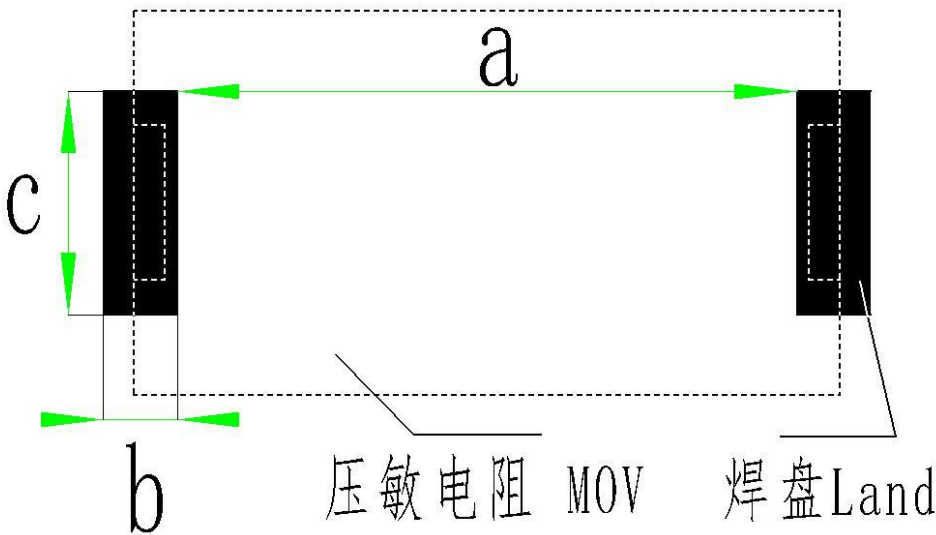
6、结构与尺寸 Structure and Dimensions



(单位 Unit: mm)

尺寸 Size Code	压敏电压范围 (V) Varistor Voltage (V)	L	W	H
3225	V _{1mA} =201—621	7.0±0.3	5.6±0.3	2.45±0.3

7、焊盘尺寸 Dimensions



(单位 unit: mm)

尺寸 Model number	a	b	c
3225	5.0	1.7	3.6

贴片氧化锌压敏电阻规格书—M 款 SMD

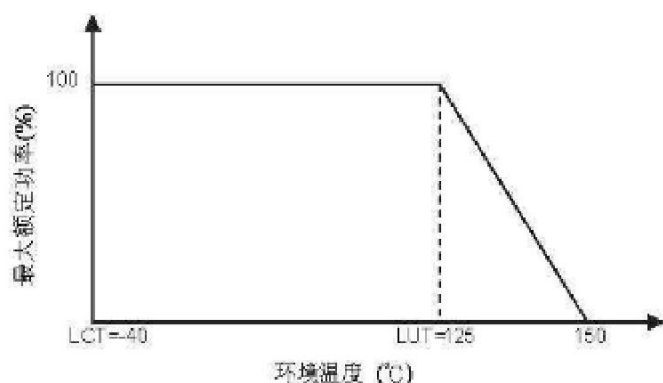
zinc oxide varistor specification –Min

8、电气特性 Electrical Characteristics

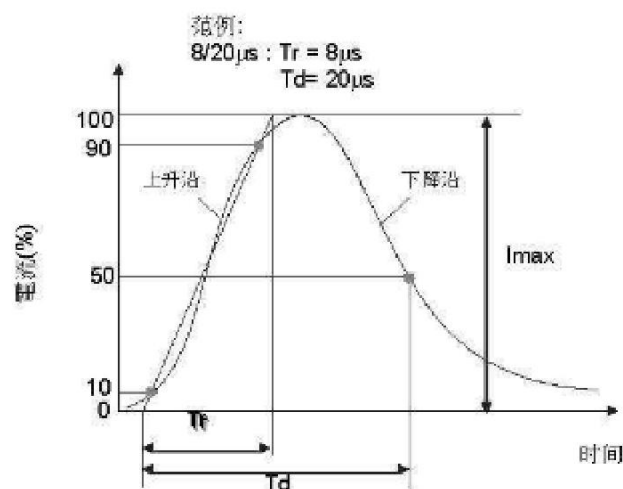
型号 Part No.	压敏电压 Varistor Voltage (@1mA DC)	最大连续 工作电压 Max. Allowable Voltage		最大 限制电压 Max. Clamping Voltage (8/20μs)		最大 冲击电 流 Max. Impulse Current (8/20μs)	额定 功率 Rated Power	参考电容 Typical capacitance Reference @1KHZ	最大能 量 Max. Energy (10/1000μs)
	V _{1mA} (V)	V _{AC} (V)	V _{DC} (V)	V _p (V)	I _p (A)	I _{max} (A)	P (W)	C(pF)	W _{max} (J)
JQ3225K201G2M	200(180-220)	130	170	340	10	1200	0.25	100	3.0
JQ3225K221G2M	220(198-242)	140	180	360	10	1200	0.25	95	3.2
JQ3225K241G2M	240(216-264)	150	200	395	10	1200	0.25	90	3.5
JQ3225K271G2M	270(243-297)	175	225	455	10	1200	0.25	75	3.7
JQ3225K301G2M	300(270-330)	195	250	500	10	1200	0.25	60	4.0
JQ3225K331G2M	330(297-363)	210	275	550	10	1200	0.25	55	4.2
JQ3225K361G2M	360(324-396)	230	300	595	10	400	0.25	50	4.5
JQ3225K391G2M	390(351-429)	250	320	650	10	400	0.25	50	5.0
JQ3225K431G2M	430(387-473)	275	350	710	10	400	0.25	45	5.5
JQ3225K471G2M	470(423-517)	300	385	775	10	400	0.25	45	6.0
JQ3225K511G2M	510(459-561)	320	410	845	10	400	0.25	40	6.5
JQ3225K561G2M	560(504-616)	350	450	930	10	400	0.25	35	7.0
JQ3225K621G2M	620(558-682)	395	510	1020	10	400	0.25	30	8.0

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功率减额曲线 Power derating curve

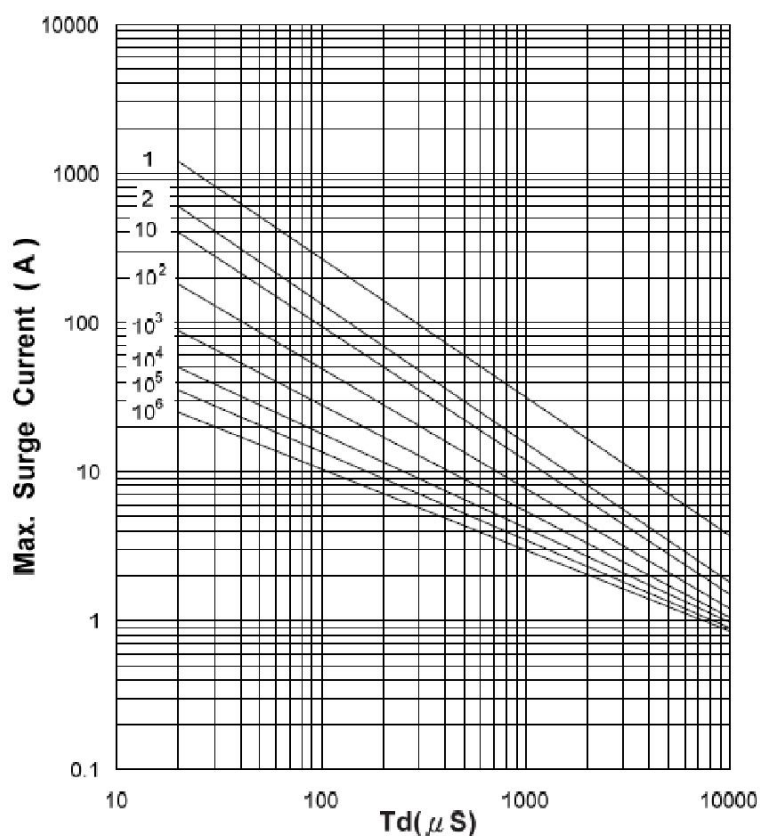


冲击电流标准波形 Standard Waveform of Impulse Current

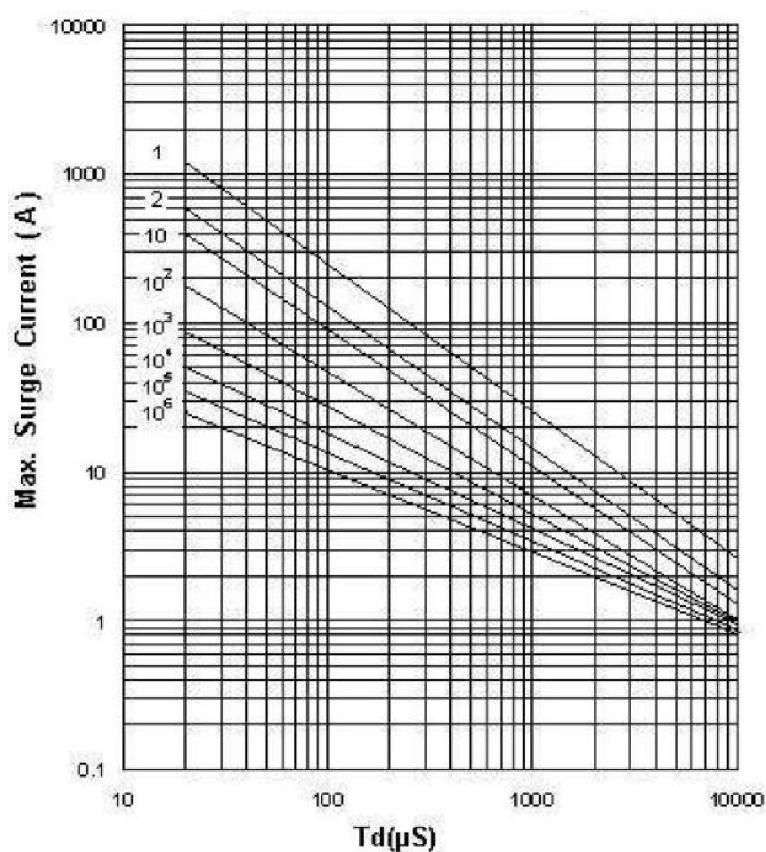


最大冲击电流减额曲线 Maximum impulse current derating curve

3225K201 – 3225K471

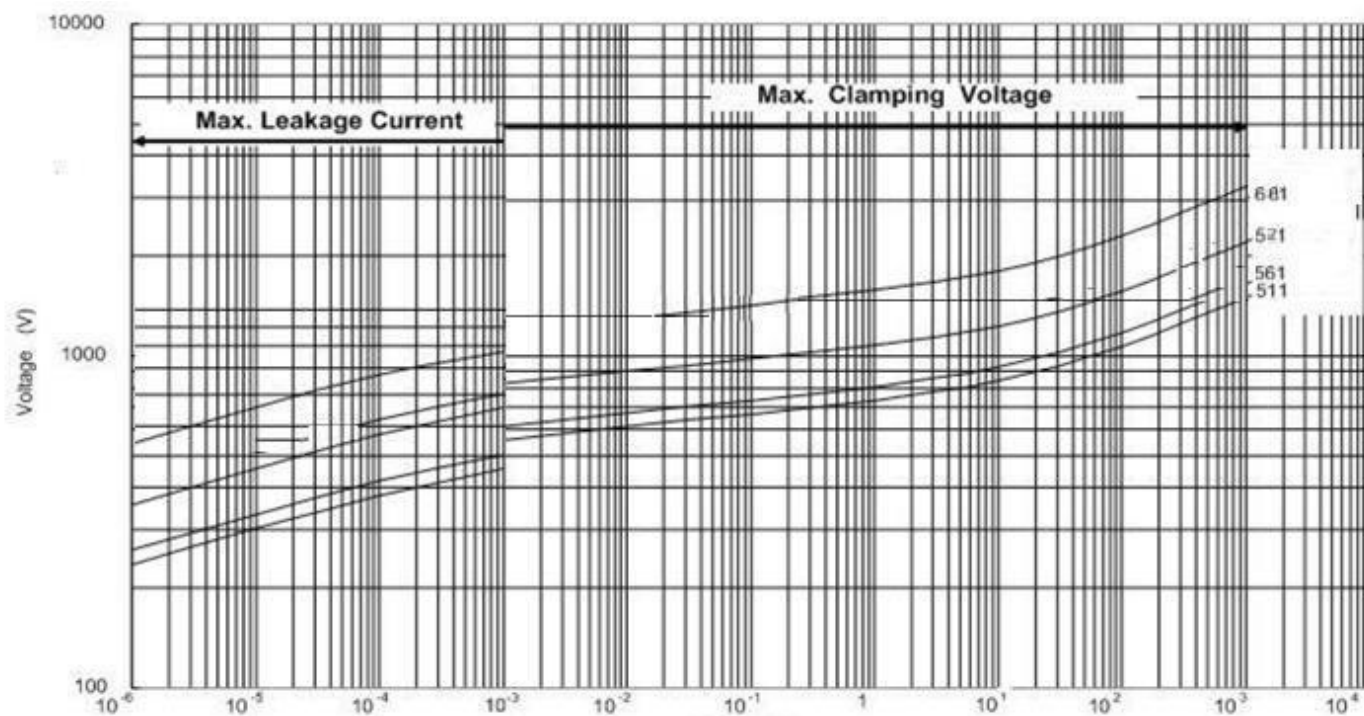
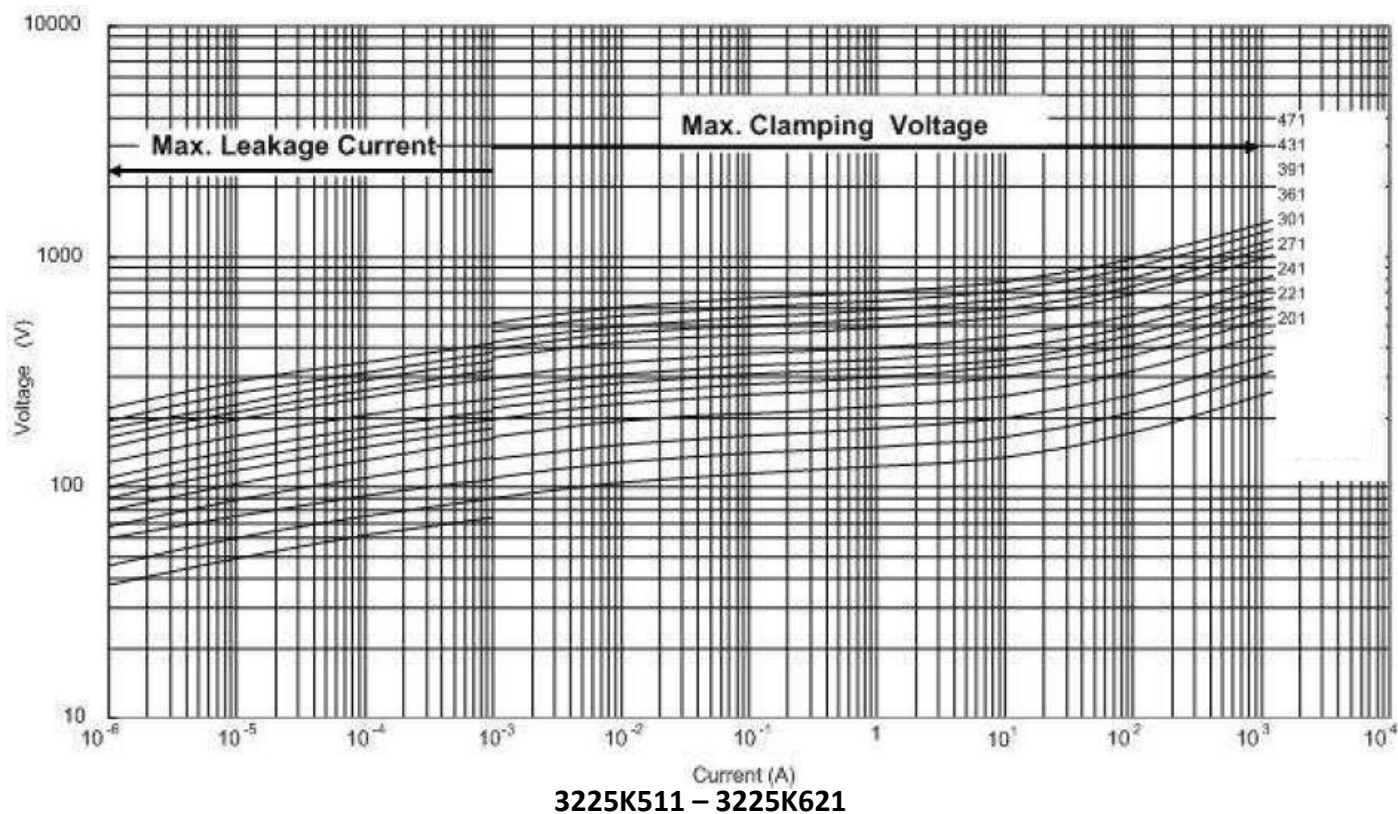


3225K511 – 3225K621



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zinc oxide varistor specification –Min

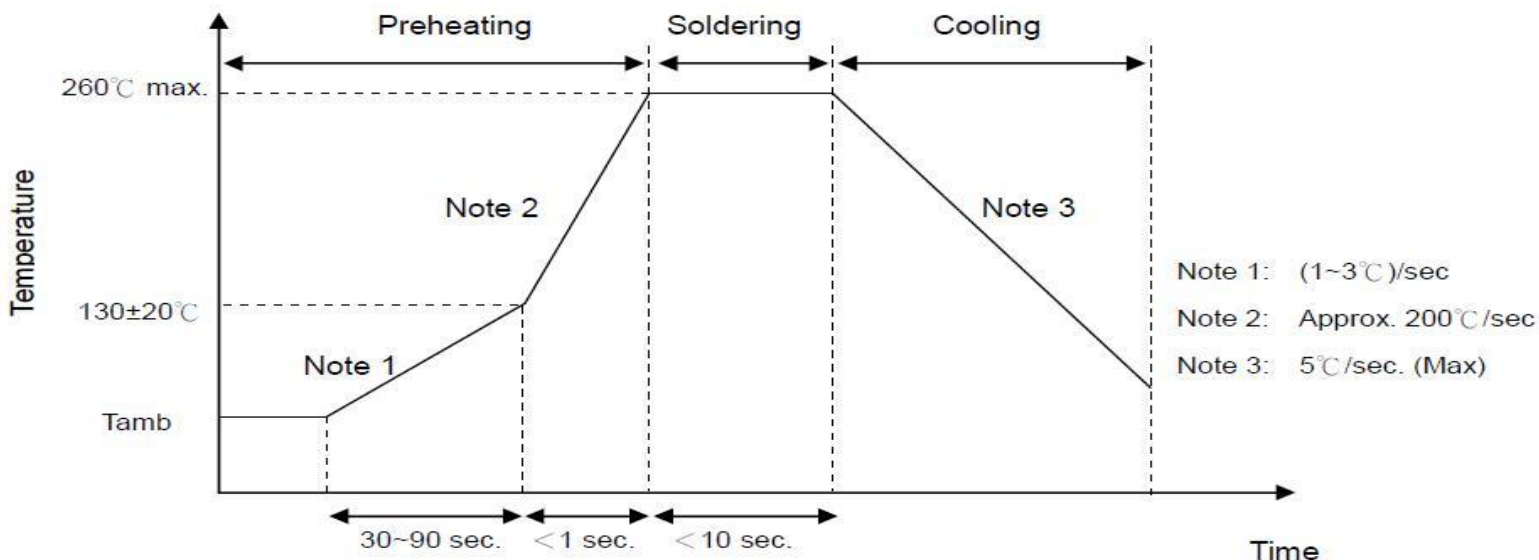
最大漏电流与最大限制电压曲线 Maximum leakage current and maximum allowable
voltage 3225K201 – 3225K471



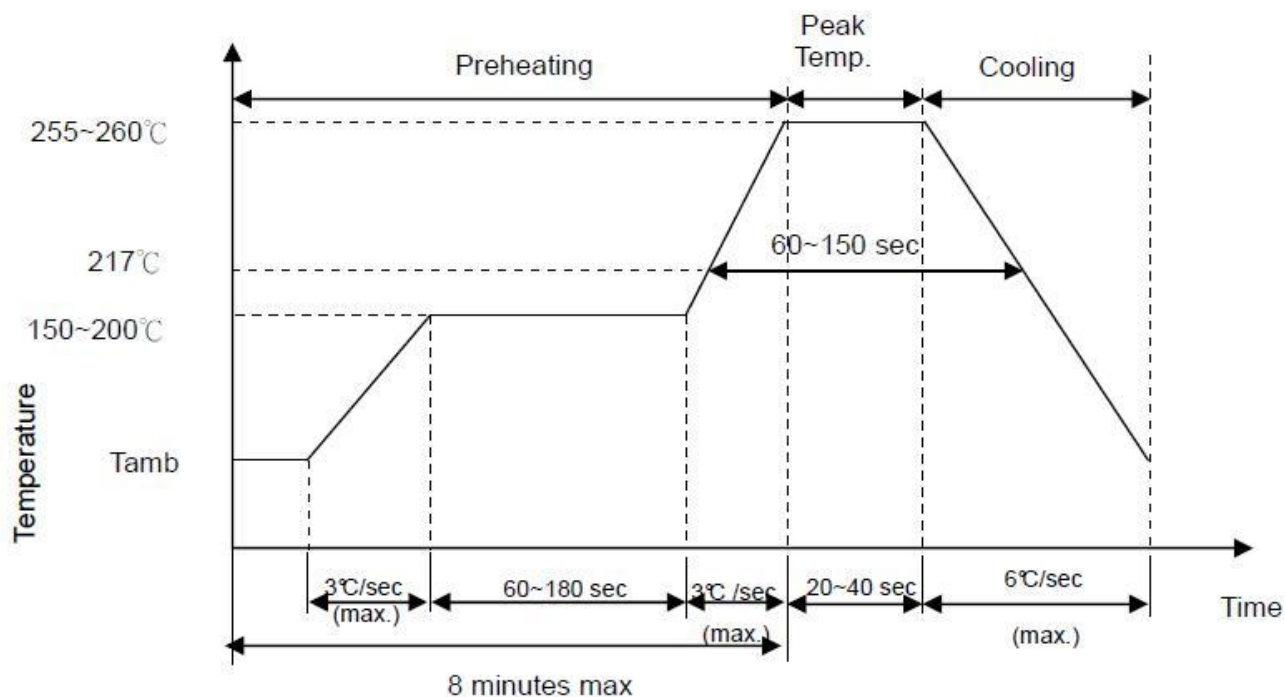
贴片氧化锌压敏电阻规格书—M 款 SMD zinc oxide varistor specification –Min

9、推荐焊接条件 Recommended soldering conditions

9.1 波峰焊曲线 Wave soldering



9.2 无铅回流焊曲线 Lead-free reflow soldering



烙铁重工焊接条件 Soldering iron heavy industry welding conditions

项目 Item	温度 Temperature
烙铁头部温度 Soldering iron tip temperature	360°C (max)
焊接时间 Welding time	3s(max)
烙铁头直径 Diameter of soldering iron tip	$\Phi 3\text{mm}$ (max)

10、可靠性试验 Reliability

贴片氧化锌压敏电阻规格书—M 款 SMD

zinc oxide varistor specification –Min

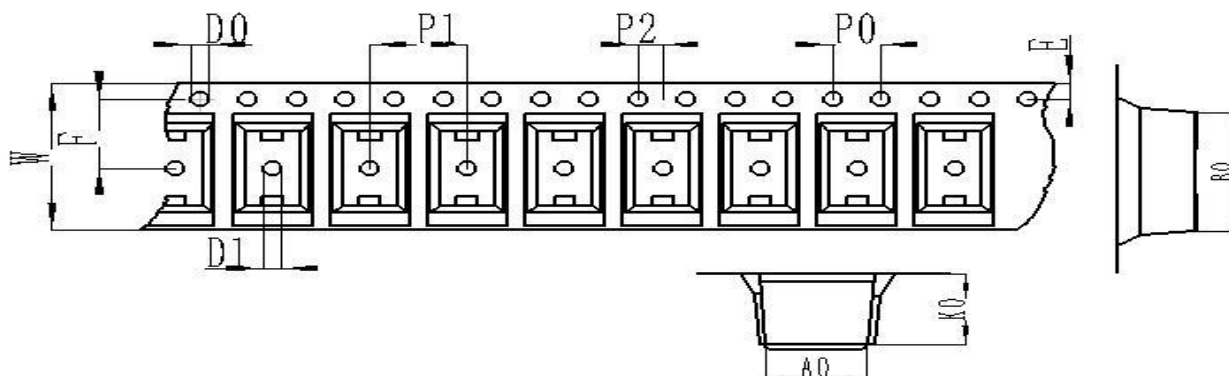
项目 Item	测试项目标准 Standard	测试方法 Test condition / Method	规格值 Specifications															
耐振性 Vibration	IEC 61051-1	将成品置于振动机上，施与一单谐振动（振幅：0.75mm）和振幅 1.5mm，振动频率周期为 10Hz—55Hz—10Hz，对三个垂直方向各试验 2 个小时，然后检测成品外在损伤。 Frequency range:10-55-10Hz Amplitude:0.75mm and 1.5mm Direction: 3 mutually perpendicular directions,2 hrs each.	$ \Delta V/V_{1mA} \leq 5\%$ 无外在损伤 No visible damage															
可焊性 Solderability	IEC60068-2-20	将成品引脚浸入 245℃±3℃的焊锡液中 3±0.3 秒取出 Dip in solder pot with condition 245±3℃， 3±0.3 sec	上锡均匀且面积≥95% Solder coverage≥95%															
耐焊接热性 Resistance to Soldering Heat	IEC60068-2-20	将成品引脚浸入 260℃±3℃的焊锡液中 10±1 秒取出 Dip in solder pot with condition 260±3℃， 10±1 sec	$ \Delta V/V_{1mA} \leq 5\%$															
高温储存 High temperature storage	IEC 60068-2-2	将成品置于 125±5℃烤箱中 1000±24 小时，取出后置于常温 1-2 个小时，然后测量压敏电压 Oven condition 125±5℃ x 1000±24 hrs，measure after complete test 1-2H	$ \Delta V/V_{1mA} \leq 5\%$															
耐湿性 Damp Heat, Steady State	IEC60068-2-78	1、将成品置于温度 40±2℃湿度 95%环境中 1000 个小时 2、将成品置于温度 40±2℃湿度 95%环境中，且施加最大允许工作电压 1000 个小时 1. 40±2℃，90-95% RH ,1000hrs 2.40±2℃，90-95% RH ,at MAV ,1000hrs	无外在损伤 No visible damage $ \Delta V/V_{1mA} \leq 10\%$ 绝缘电阻≥100MΩ IR≥100MΩ															
冷热冲击 Rapid change of Temperature	IEC60068-2-14	以如下表的温度周期加于成品 5 次，然后置于室温 1-2 小时测量压敏电压 The conditions shown below shall be repeated 5 cycles <table><tr><th>Step</th><th>Temperature(℃)</th><th>Period(minutes)</th></tr><tr><td>1</td><td>-40±3</td><td>30±3</td></tr><tr><td>2</td><td>Room temperature</td><td>5±3</td></tr><tr><td>3</td><td>+125±2</td><td>30±3</td></tr><tr><td>4</td><td>Room temperature</td><td>5±3</td></tr></table>	Step	Temperature(℃)	Period(minutes)	1	-40±3	30±3	2	Room temperature	5±3	3	+125±2	30±3	4	Room temperature	5±3	无外在损伤 No visible damage $ \Delta V/V_{1mA} \leq 5\%$
Step	Temperature(℃)	Period(minutes)																
1	-40±3	30±3																
2	Room temperature	5±3																
3	+125±2	30±3																
4	Room temperature	5±3																
高温负荷 High Temperature load	IEC61051-4.20	将成品施加最大允许 AC 电压置于温度 125±2℃烤箱中 1000±24 小时，然后置于室温 1-2 小时测量压敏电压 125±2℃，1000±24hrs at Max VaC, measure after 1-2H	$ \Delta V/V_{1mA} \leq 10\%$															
电压温度系数 Voltage temperature coefficient	规格标准 Specification Standard	$\frac{V_{1mA} \text{ at } 125^{\circ}\text{C}-V_{1mA} \text{ at } 25^{\circ}\text{C}}{V_{1mA} \text{ at } 25^{\circ}\text{C}} \times \frac{1}{100} \times 100 (\%/^{\circ}\text{C})$	-0.05≤Tc≤0.05(%/℃)															
耐电压 Voltage	IEC61051-4.8	将成品表面封装体，以金属线绕成紧密线圈状，于线圈出头端与引脚端输入电压 AC2500V 施加 1 分钟 Metal balls method, 2500 Vac 1min	无外在损伤 No visible damage															

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11、包装 Packing

(单位 Unit: mm)

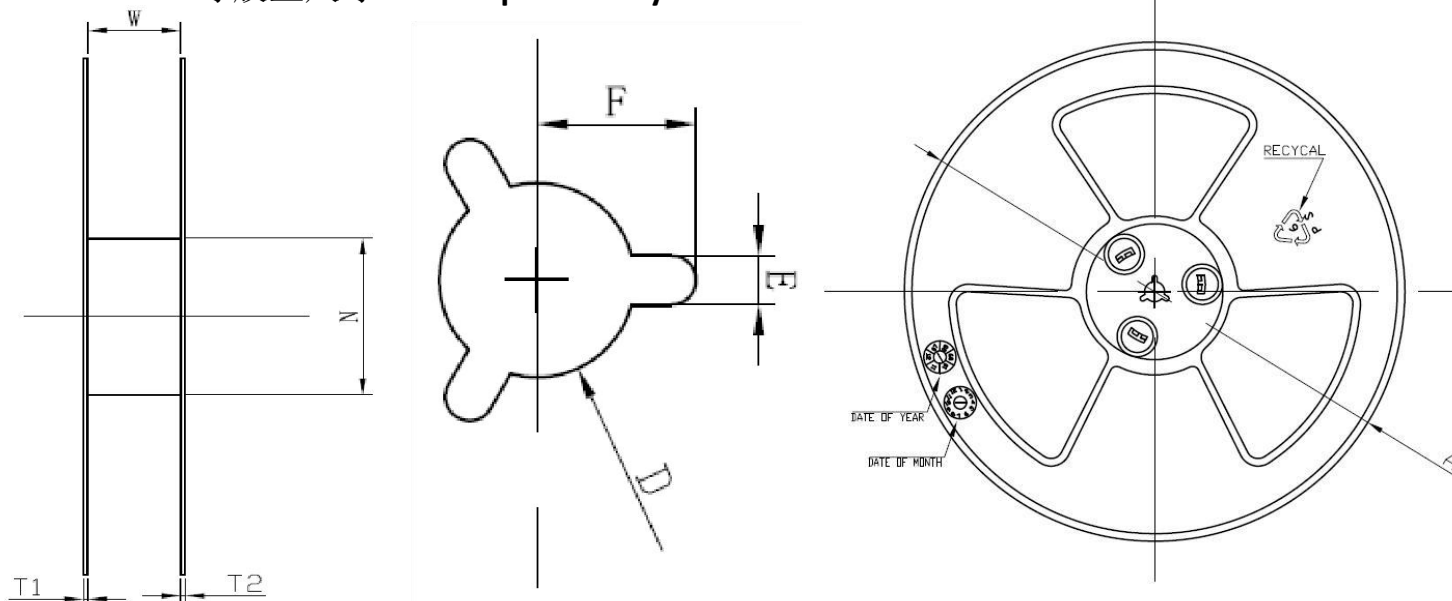
11.1 编带包装方式说明 Taping Packaging



A0	B0	K0	P0	P1	P2
6.0 ± 0.1	7.8 ± 0.1	2.8 ± 0.1	4.0 ± 0.1	8.0 ± 0.1	2.0 ± 0.05
W	E	F	D0	D1	PCS/Reel
16.0 ± 0.2	1.75 ± 0.1	7.5 ± 0.1	1.5 ± 0.1	1.5 ± 0.1	4000

11.2 15 寸胶盘尺寸 15 inch plastic tray size

(单位 Unit: mm)

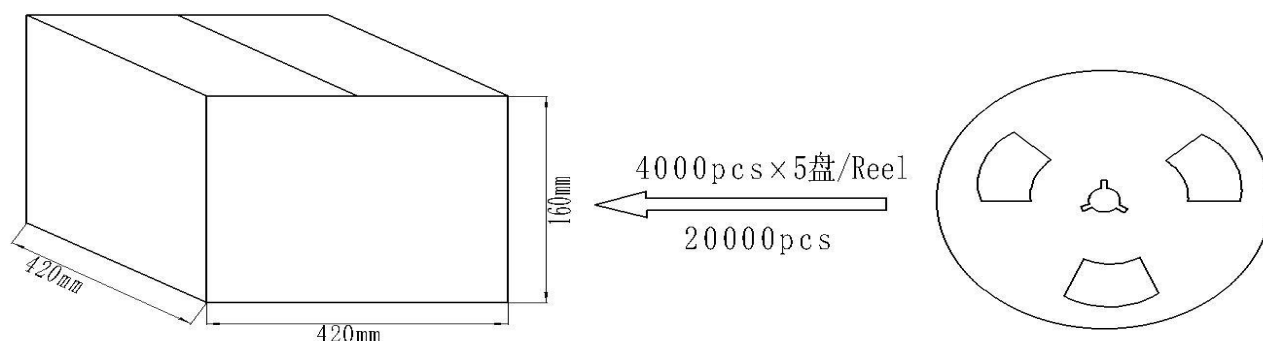


SPEC	W	N	T1	T2	A	D	E	F
3225	16.4 ± 0.3	$\Phi 100 \pm 3.0$	2.2 ± 0.3	2.2 ± 0.3	$\Phi 380 \pm 3.0$	13.3 ± 0.3	2.3 ± 0.5	10.75 ± 0.5

贴片氧化锌压敏电阻规格书—M 款 SMD
zinc oxide varistor specification –Min

12、包装纸箱 Carton Packing

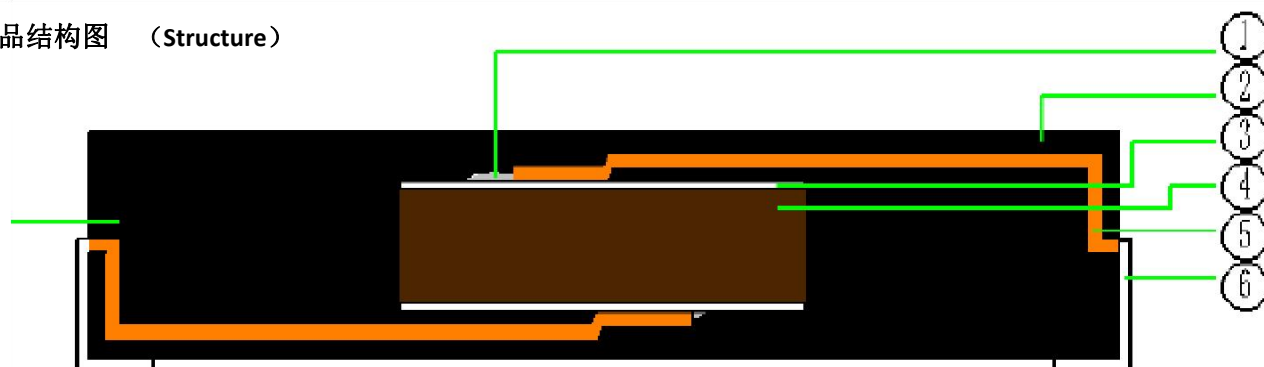
(单位 Unit: mm)



13、标印说明 (Marking Explain)

	JINGQIN : 精勤品牌LOGO
	3225: 封装尺寸 SMD Size≈7.0x5.6x2.45
	271: 标称电压 $27 \times 10^1 = 270V$
	K : 电压公差±10%
	M : M档小尺寸 Min
	3BZ: 内部批次追溯码

14、产品结构图 (Structure)



序号 No.	名称 Part name	材料 Material
1	焊料	高温焊料/Sn-Pb-Ag 高铅 RoSH 豁免
2	包封层	环氧树脂 (UL94V-0 认定品)
3	电极	银/铜电极
4	介质	氧化锌介质
5	内部引脚	合金 (电子框架合金)
6	SMD 贴片引脚	合金镀锡

贴片氧化锌压敏电阻规格书—M 款 SMD
zinc oxide varistor specification –Min

JINGQIN[®]
精勤元件

= 15、安全认证 Safety Certification:

UL/CUL 认证:

CERTIFICATE OF COMPLIANCE

Certificate Number E523420
Report Reference E523420-2021-11-09
Date 2021-November-09

Issued to: Huizhou Jingqin Electronic Components Co Ltd
1st Floor 1 Building Haojun Zone1 DaXin Group Shuguang
Road Chenjiang Street Zhongkai High-tech Zone
Huizhou Guangdong 516029 CN

This is to certify that
representative samples of SURGE-PROTECTIVE DEVICES - COMPONENT
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the
component requirements in the Standard(s) indicated on
this Certificate. UL Recognized components are incomplete
in certain constructional features or restricted in
performance capabilities and are intended for installation in
complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 1449-Standard for Surge Protective Devices
CSA C22.2 No. 269.5-17-Canadian Standard for Surge
Protective Devices – Type 5 - Component

Additional Information: See the UL Online Certifications Directory
at <https://iq.ulprospector.com> for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark.
Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified
and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

B. Mahesh

Bruce Maheshholz, Director North American Certification Program
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please
contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number E523420
Report Reference E523420-2021-11-09
Date 2021-November-09

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Cat. Nos. 3225, followed by K, followed by 201, 221, 241, 271, 331, 361, 391, 431, 471, 511, 561, 621 or 681

3225K201
3225K221
3225K241
3225K271
3225K331
3225K361
3225K391
3225K431
3225K471
3225K511
3225K561
3225K621
3225K681

Cat. Nos. 4032, followed by K, followed by 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621 or 681

4032K201
4032K221
4032K241
4032K271
4032K301
4032K331
4032K361
4032K391
4032K431
4032K471
4032K511
4032K561
4032K621
4032K681

B. Mahlen

Bruce Mahlenholz, Director North American Certification Program

UL LLC

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TUV 认证:

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFIKAT ◆ CERTIFICATE

CERTIFICATE
No. B 112025 0001 Rev. 00

Holder of Certificate: **Huizhou Jingqin Electronic Components Co., LTD.**
1st Floor, 1 Building Haojun, Zone 1
DaXin Group, Shuguang Road, Chenjiang Street
Zhongkai High-tech Zone
516029 Huizhou City
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:

Product: **Surge absorber (Varistor)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 6810021002201
Valid until: 2026-11-18

Date, 2021-11-22

(Michael Xu)

Page 1 of 3
TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany



CERTIFICATE

No. B 112025 0001 Rev. 00

Table 1: Electrical Rating and characteristics

Insulation voltage:		AC2500V							
Maximum continuous voltage:		Details see below							
Leakage current:		Details see below							
Nominal varistor voltage:		Details see below							
Reference current:		1mA							
Clamping Voltage:		Details see below							
Class current (8/20 µs):		Details see below							
Maximum peak current (8/20 µs, 1time):		Details see below							
Climatic category:		40/125/21							
Flame class:		V-0							
Type	Maximum continuous voltage(V)		Leakage Current (µA) (Max.)	Nominal varistor voltage (V)	Clamping Voltage (Max. V)	Class current (Max. A)	Maximum Peak Current (A)	Energy (10/1000 µs) (Max.)	Capacitance (Typical) pF
	AC	DC	I _L	V _N	V _C	8/20 µs I _C	8/20 µs (1time)	J	C
3225K201	130	170	20	200	340	10	1750	17	250
3225K221	140	180	20	220	360	10	1750	20	230
3225K241	150	200	20	240	395	10	1750	21	210
3225K271	175	225	20	270	455	10	1750	24	185
3225K301	190	250	20	300	500	10	1750	26	165
3225K331	210	275	20	330	550	10	1750	28	150
3225K361	230	300	20	360	595	10	1750	32	140
3225K391	250	320	20	390	650	10	1750	35	130
3225K431	275	350	20	430	710	10	1750	40	115
3225K471	300	385	20	470	775	10	1750	42	105
3225K511	320	415	20	510	845	10	1750	45	100
3225K561	350	460	20	560	925	10	1750	50	90
3225K621	385	505	20	620	1025	10	1750	55	80
3225K681	420	560	20	680	1120	10	1750	60	75

Tested according to: EN IEC 61051-1:2018
IEC 61051-2:1991/AMD1:2009
IEC 61051-2-2:1991

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT



Product Service

CERTIFICATE

No. B 112025 0002 Rev. 00

Holder of Certificate: Huizhou Jingqin Electronic Components Co., LTD.
1st Floor, 1 Building Haojun, Zone 1
DaXin Group, Shuguang Road, Chenjiang Street
Zhongkai High-tech Zone
516029 Huizhou City
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: Surge absorber
(Varistor)

The product was tested on a voluntary basis and complies with the essential requirements.
The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier.
All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 6810021002301

Valid until: 2026-11-18

Date, 2021-11-22

(Michael Xu)



CERTIFICATE

No. B 112025 0002 Rev. 00

Table 1: Electrical Rating and characteristics

Insulation voltage:				AC2500V					
Maximum continuous voltage:				Details see below					
Leakage current:				Details see below					
Nominal varistor voltage:				Details see below					
Reference current:				1mA					
Clamping Voltage:				Details see below					
Class current (8/20 µs):				Details see below					
Maximum peak current (8/20 µs, 1time):				Details see below					
Climatic category:				40/125/21					
Flame class:				V-0					
Type	Maximum continuous voltage(V)		Leakage Current (uA) (Max.)	Nominal varistor voltage (V)	Clamping Voltage (Max. V)	Class current (Max. A)	Maximum Peak Current (A)	Energy (10/1000 µs) (Max.)	Capacitance (Typical) pF
	AC	DC	I _L	V _N	V _C	8/20 µs I _C	8/20 µs (1time)	J	C
4032K201	130	170	20	200	340	25	3500	35	500
4032K221	140	180	20	220	360	25	3500	39	450
4032K241	150	200	20	240	395	25	3500	42	420
4032K271	175	225	20	270	455	25	3500	50	370
4032K301	190	250	20	300	500	25	3500	55	330
4032K331	210	275	20	330	550	25	3500	58	300
4032K361	230	300	20	360	595	25	3500	65	280
4032K391	250	320	20	390	650	25	3500	70	260
4032K431	275	350	20	430	710	25	3500	80	230
4032K471	300	385	20	470	775	25	3500	85	210
4032K511	320	415	20	510	845	25	3500	90	200
4032K561	350	460	20	560	925	25	3500	92	180
4032K621	385	505	20	620	1025	25	3500	95	160
4032K681	420	560	20	680	1120	25	3500	100	150

Tested according to: EN IEC 61051-1:2018
IEC 61051-2:1991/AMD1:2009
IEC 61051-2-2:1991
IEC 62368-1:2018 Annex G.8.1

贴片氧化锌压敏电阻规格书—M 款 SMD
zinc oxide varistor specification —Min

JING QIN[®]
精勤元件

CQC 认证:

CQC 产品认证证书	
证书编号: CQC21001319729	发证日期: 2021 年 11 月 10 日 有效期至: 长期有效
委托人名称 及注册地址	惠州精勤电子元件有限公司 惠州市仲恺高新区陈江街道曙光大道大欣集团内一区皓钧第一栋一楼
制造商名称 及注册地址	惠州精勤电子元件有限公司 惠州市仲恺高新区陈江街道曙光大道大欣集团内一区皓钧第一栋一楼
生产企业名称 及生产地址	惠州精勤电子元件有限公司 惠州市仲恺高新区陈江街道曙光大道大欣集团内一区皓钧第一栋一楼
产品名称和系列、 规格、型号	压敏电阻器 (贴片式) 3225@ (201~681) 系列压敏电压范围为 200V~680V; 最大连续交流电压: 130VAC~420VAC; @ 为空白或者字母 K: 表示压敏电压的允许偏差 K: ±10%, 气候类别为 40/125/21, 详见附件
产品标准和技术要求	GB/T 10193-1997; GB/T 10194-1997
认证模式	产品型式试验+获证后监督
上述产品符合 CQC11-471551-2015 认证规则的要求, 特发此证。 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 0509174	

贴片氧化锌压敏电阻规格书—M 款 SMD
zinc oxide varistor specification —Min

JING QIN[®]
精勤元件



CERTIFICATE OF PRODUCT CERTIFICATION

CERTIFICATE NO.: CQC21001319729

Valid from: Nov.10,2021

Valid until:long-term

NAME AND REGISTERED ADDRESS OF THE APPLICANT	Huizhou Jingqin Electronic Components Co.LTD 1st Floor,1Building Haojun,Zone1,DaXin Group,Shuguang Road,Chenjiang Street,Zhongkai High-tech Zone,Huizhou city
NAME AND REGISTERED ADDRESS OF THE MANUFACTURER	Huizhou Jingqin Electronic Components Co.LTD 1st Floor,1Building Haojun,Zone1,DaXin Group,Shuguang Road,Chenjiang Street,Zhongkai High-tech Zone,Huizhou city
NAME AND LOCATION OF THE FACTORY	Huizhou Jingqin Electronic Components Co.LTD 1st Floor,1Building Haojun,Zone1,DaXin Group,Shuguang Road,Chenjiang Street,Zhongkai High-tech Zone,Huizhou city
PRODUCT NAME, MODEL AND SPECIFICATION	SMD Varistors 3225@(201~681)系列压敏电压范围为 200V~680V; 最大连续交流电压: 130VAC~420VAC; @为空白或者字母 K: 表示压敏电压的允许偏差 K:±10%, 气候类别为 40/125/21, 详见附件
THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS	GB/T 10193-1997;GB/T 10194-1997
TYPE OF CERTIFICATION SCHEMES	Type Testing of Product + Follow up Factory Inspection

This is to certify that the above mentioned product(s) complies with the requirements of certification rules of CQC11-471551-2015.
The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body.

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



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

Section 9, No. 188, Nansihuan Xilu, Beijing 100070 P.R.China

Tel: +86 10 83886666

C 0509174



产品认证证书

证书编号: CQC21001320392

发证日期: 2021 年 11 月 12 日

有效期至: 长期有效

委托人名称	惠州精勤电子元件有限公司
及注册地址	惠州市仲恺高新区陈江街道曙光大道大欣集团内一区皓钧第一栋一楼
制造商名称	惠州精勤电子元件有限公司
及注册地址	惠州市仲恺高新区陈江街道曙光大道大欣集团内一区皓钧第一栋一楼
生产企业名称	惠州精勤电子元件有限公司
及生产地址	惠州市仲恺高新区陈江街道曙光大道大欣集团内一区皓钧第一栋一楼
产品名称和系列、 规格、型号	压敏电阻器(贴片式) 4032@(201~681)系列压敏电压范围为 200V~680V;最大连续交流电压: 130VAC~420VAC; @为空白或者字母 K: 表示压敏电压的允许偏差 K:±10%, 气候类别为 40/125/21, 详见附件
产品标准和技术要求	GB/T 10193-1997;GB/T 10194-1997;GB 4943.1-2011;GB 8898-2011
认证模式	产品型式试验+获证后监督

上述产品符合 CQC11-471551-2015 认证规则的要求, 特发此证。
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 0513246



CERTIFICATE OF PRODUCT CERTIFICATION

CERTIFICATE NO.: CQC21001320392

Valid from: Nov.12,2021

Valid until:long-term

NAME AND REGISTERED ADDRESS OF THE APPLICANT	Huizhou Jingqin Electronic Components Co.LTD 1st Floor,1Building Haojun,Zone1,DaXin Group,Shuguang Road,Chenjiang Street,Zhongkai High-tech Zone,Huizhou city
NAME AND REGISTERED ADDRESS OF THE MANUFACTURER	Huizhou Jingqin Electronic Components Co.LTD 1st Floor,1Building Haojun,Zone1,DaXin Group,Shuguang Road,Chenjiang Street,Zhongkai High-tech Zone,Huizhou city
NAME AND LOCATION OF THE FACTORY	Huizhou Jingqin Electronic Components Co.LTD 1st Floor,1Building Haojun,Zone1,DaXin Group,Shuguang Road,Chenjiang Street,Zhongkai High-tech Zone,Huizhou city
PRODUCT NAME, MODEL AND SPECIFICATION	SMD Varistors 4032@(201~681)系列压敏电压范围为 200V~680V; 最大连续交流电压: 130VAC~420VAC; @为空白或者字母 K: 表示压敏电压的允许偏差 K:±10%, 气候类别为 40/125/21, 详见附件
THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS	GB/T 10193-1997;GB/T 10194-1997;GB 4943.1-2011;GB 8898-2011
TYPE OF CERTIFICATION SCHEMES	Type Testing of Product + Follow up Factory Inspection

This is to certify that the above mentioned product(s) complies with the requirements of certification rules of CQC11-471551-2015.
The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body.

The certificate information is available through the QR code below or CNCA's website: www.cnca.gov.cn



SIGNATURE:

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CHINA QUALITY CERTIFICATION CENTRE



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