



承 认 书

APPROVAL SHEET

客户 Customer	
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产品名称 Product Name	保险丝 FUSE	
产品编码 Part Number	KB/KRxxxxxxxxxx	
规格描述 Specification	塑胶方型保险丝 慢断 KB/KR TxAxxxV	
文件编号 Document	版次 Revision	生效日期 Effective Date
KPN-WI-RD-59	A0	2025-07-26

供应商-科埔联 Supplier-Kopplen		零件承认章 Approval Signet	客户 Customer	零件承认章 Approval Signet
制作 Make	Guland			
审查 Check	David			
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History of Change变更记录			
文件编号 DOCUMENT	版次 Revision	生效日期 Effective Date	更改内容 Changed Contents
KPN-WI-RD-59	A0	2025-07-26	新发布New Release

4-3 电气特性/ Electrical Characteristic: T (延时性的保险丝符号symbol for Time-Lag)

4-4 额定电流/ Rated Current (A): ** A或 ** mA

4-5 额定电压/ Rated Voltage (V): ***V

4-6 装砂(可选项) /With sand(optional): s

4-7 认证符号(可选项) / Approval Marks(optional)

说明/Note:对于标示的大小和位置没有规定/Size and positonofthemarkings shall not beproided.

5. 电气特性 Electrical Characteristics

5-1 实验条件: 所有测试环境温度为 $25\pm5^{\circ}\text{C}$ 。

Test Condition: All electrical characteristics tests are conducted at an ambient temperature of $25\pm5^{\circ}\text{C}$.

5-2 时间-电流特性

Time-Current Characteristics

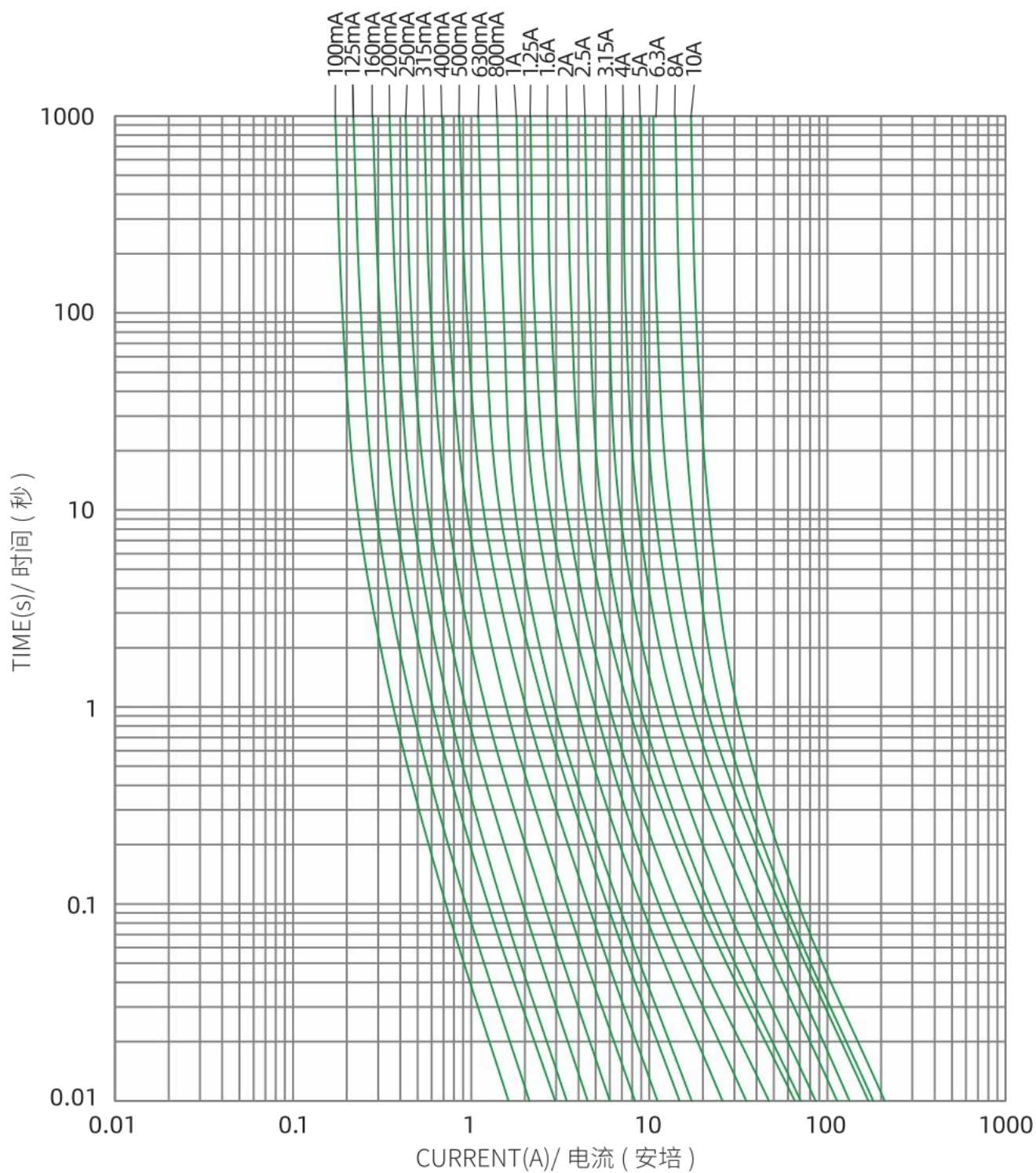
RATED CURRENT	2.1IN	2.75IN		4IN		10IN	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.
100mA to 6.3A	2min	400ms	10s	150ms	3s	20ms	150ms
8A to 10A	5min	1s	20s	150ms	3s	20ms	150ms

5-3 规格表Specification Sheet

Rated Current	Safety Approvals& Breaking Capacity							I ² T
								A ² S
100mA	●	250V/350V@100A ac						0.29
125mA	●	250V/350V@100A ac						0.38
160mA	●	250V/350V@100A ac						0.42
200mA	●	250V/350V@100A ac						0.51
250mA	●	250V/350V@100A ac	●	250V/350V@50A ac	●	250V@50A ac	○ 250V@50A ac	0.62
315mA	●	250V/350V@100A ac						0.73
400mA	●	250V/350V@100A ac						0.95
500mA	●	250V/350V@100A ac	●	250V/350V@50A ac	●	250V@50A ac	○ 250V@50A ac	1.11
630mA	●	250V/350V@100A ac						2.02
800mA	●	250V/350V@100A ac						4.65
1.0A	●	250V/350V@100A ac	●	250V/350V@50A ac	●	250V@50A ac	○ 250V@50A ac	9.62
1.25A	●	250V/350V@100A ac						15.6
1.6A	●	250V/350V@100A ac	●	250V/350V@50A ac	●	250V@50A ac	○ 250V@50A ac	46.5
2.0A	●	250V/350V@100A ac	●	250V/350V@50A ac	●	250V@50A ac	○ 250V@50A ac	70.3
2.5A	●	250V/350V@100A ac	●	250V/350V@50A ac	●	250V@50A ac	○ 250V@50A ac	100
3.15A	●	250V/350V@100A ac	●	250V/350V@50A ac	●	250V@50A ac	○ 250V@50A ac	147
4.0A	●	250V/350V@100A ac	●	250V/350V@50A ac	●	250V@50A ac	○ 250V@50A ac	222
5.0A	●	250V/350V@100A ac	●	250V/350V@50A ac	●	250V@50A ac	○ 250V@50A ac	372
6.3A	●	250V/350V@100A ac	●	250V/350V@63A ac	●	250V@63A ac	○ 250V@63A ac	390
8A	●	250V/350V@100A ac			●	250V@80A ac	○ 250V@80A ac	378
10A	●	250V/350V@100A ac			●	250V@100A ac	○ 250V@100A ac	380

●Approved ○pending

5-4 平均I-T特性曲线图(仅供参考)/ THE AVERAGE I-T CHARACTERISTICS CURVE
(FOR REFERENCE ONLY)



6. 产品特性/ PRODUCT CHARACTERISTICS

- 6-1 引脚拉力强度/ Lead Pull Strength: 10牛顿10±1 秒/ 10N for 10±1 Seconds
- 6-2 引脚推力强度/ Lead Thrust Strength: 2牛顿10±1 秒/ 2N for 10±1 Seconds
- 6-3 可焊性/ Solder ability: 波峰焊/Wave : 260℃, ≤3s; 烙铁焊/Soldering Iron: 350±10℃, ≤1s.
- 6-4 耐焊接热/ Soldering Heat Resistance: 波峰焊/Wave : 260℃, 10s; 烙铁焊/Soldering Iron: 350℃, 3s.

7.环境特性/ENVIRONMENTAL CHARACTERISTIC

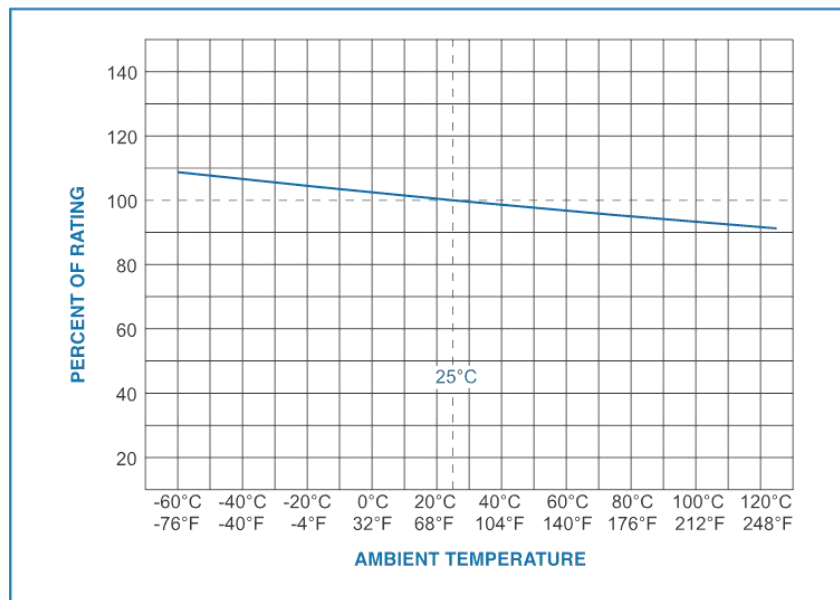
7-1产品使用温度范围:-55℃ ~ 125℃ / Operating Temperature:-55℃ ~ 125℃

若贵公司产品使用环境温度超出25±5℃, 在选用保险丝规格时, 需考虑产品使用环境温度对保险丝的影响。

请参照: 温度-电流曲线图:

When choosing the fuse is specification, if the operating environmental temperature beyond the scope from 20~30℃,you should consider the environmental temperature is affection to fuses.please refer:

Temperature-Current curve



7-2 存储条件/ Storage Conditions

在温度+10℃ ~ 60℃、相对湿度≤75%的密闭条件下可存放3 年。

Under airtight in temperature+10℃ ~ 60℃、relative humidity ≤75% can store 3 years.

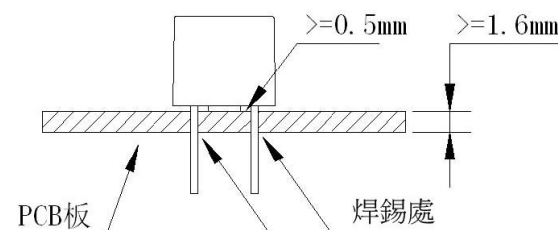
在温度+10℃ ~ 60℃、相对湿度为95%的非露天下最多可存放30 天。

Without dew in temperature+10℃ ~ 60℃、relative humidity be 95% maximum value for 30days.

8. 安装方式及条件/ INSTALLATION WAY AND PARAMETERS

8-1 建议如下图安装方式安装, 并满足所要求的尺寸。

Propose that the following picture installation way is installed, and satisfied the required size.



8-2 建议客户焊接参数/ Recommended Customer Soldering Parameters

波峰焊参数/ Wave Parameters:

锡炉温度 / Solder Pot Temperature: 260℃ Max

焊接时间 / Solder Dwell Time: 2~5s Max

手工焊参数 / Hand-Solder Parameters:

烙铁温度 / Solder Iron Temperature: 350±5℃

焊接时间 / Heating Time: 2s Max

9. 包装 / PACKING

包装数量 / Packing Quantity

9-1: 编带包装每盒1000个保险丝/Taping package 1000 pcs per box

9-2: 散装每胶袋500个保险丝/Bulk 500 pcs/ poly bag

10. 其他 / OTHERS

10-1 如果在使用中有超出本规格书的要求, 必须经由双方协商确认。

In the event that an impropriety is found beyond this specification ,it shall be fixed by mutual agreement between the parties.

10-2 如果本规格书有不适当的情况, 必须通过双方协商并由本公司修改。

In the event that an impropriety is found in this specification , KOPPLEN ELECTRONICS LIMITED shall amend it by mutual agreement between the parties.

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.