

1. 适用范围/ SCOPE

WL35 系列, 适用于纯电动汽车,混合动力汽车及工业设备的全范围分断熔断器。
 WL35 series, general purpose fuse for EV/HEV and Industrial equipment.

2. 产品型号/TYPE

例「example」:

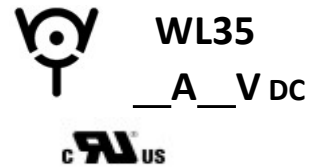
WL35	10A	800V	① 系列号 / Series Number
↓	↓	↓	② 额定电流 / Rated Current
①	②	③	③ 额定电压 / Rated Voltage

3. 额定电流和额定电压/ RATED CURRENT AND RATED VOLTAGE

额定电流 / Rated Current: 5A~32A
 额定电压 / Rated Voltage: 800V DC

4. 标示/ MARKING

保险丝上需有下列标示/The fuses shall have the following marking
 制造工厂的标识+系列号/ Manufacture's Logo+ Part Number:
 额定电流+额定电压/ Rated Current (A)+ Rated Voltage(V):



注意 / Note:

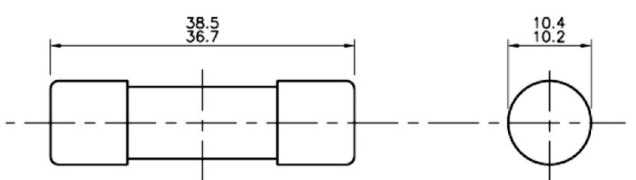
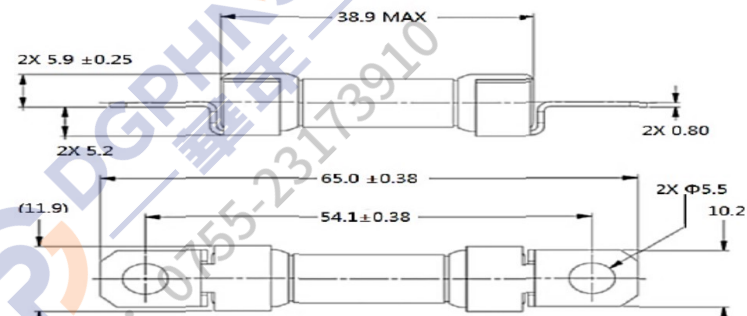
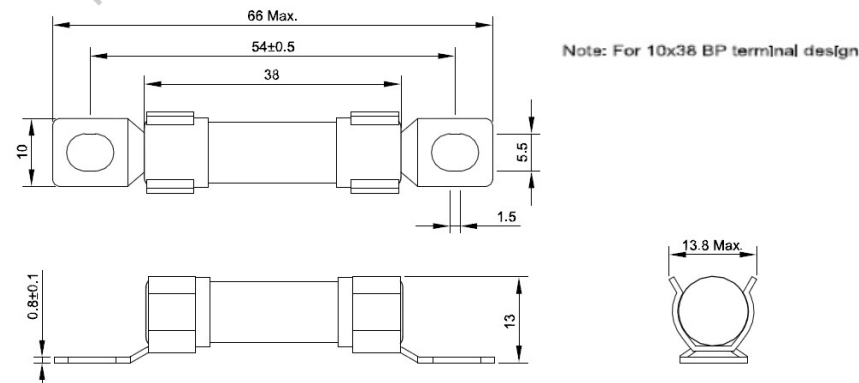
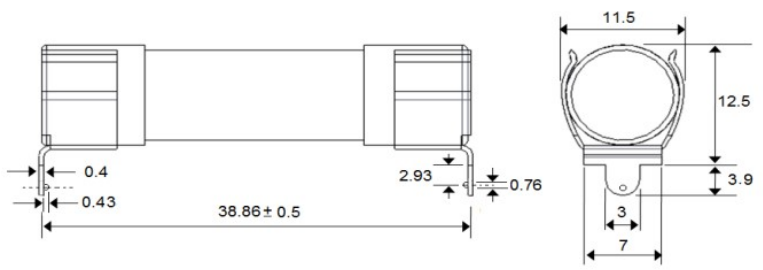
对标示的大小和位置没有规定 / Size and position of the markings shall not be provided.

5. 外观及形状/ APPEARANCES AND CONFIGURATION

5.1 外观: 不应有破碎、明显的污斑

Appearances: There shall not be break up and any remarkable blotch.

6. 工程图和结构/ OUTLINE DRAWING AND STRUCTURE
6.1 工程图 (单位: mm) / Outline Drawing and Dimensions (Unit: mm)

<p>WL35-XXX</p>	
<p>WL35- XXX -AP</p>	
<p>WL35- XXX -BP</p>	 <p>Note: For 10x38 BP terminal design</p>
<p>WL35- XXX -TH</p>	

7. 电气特性/ ELECTRICAL CHARACTERISTICS

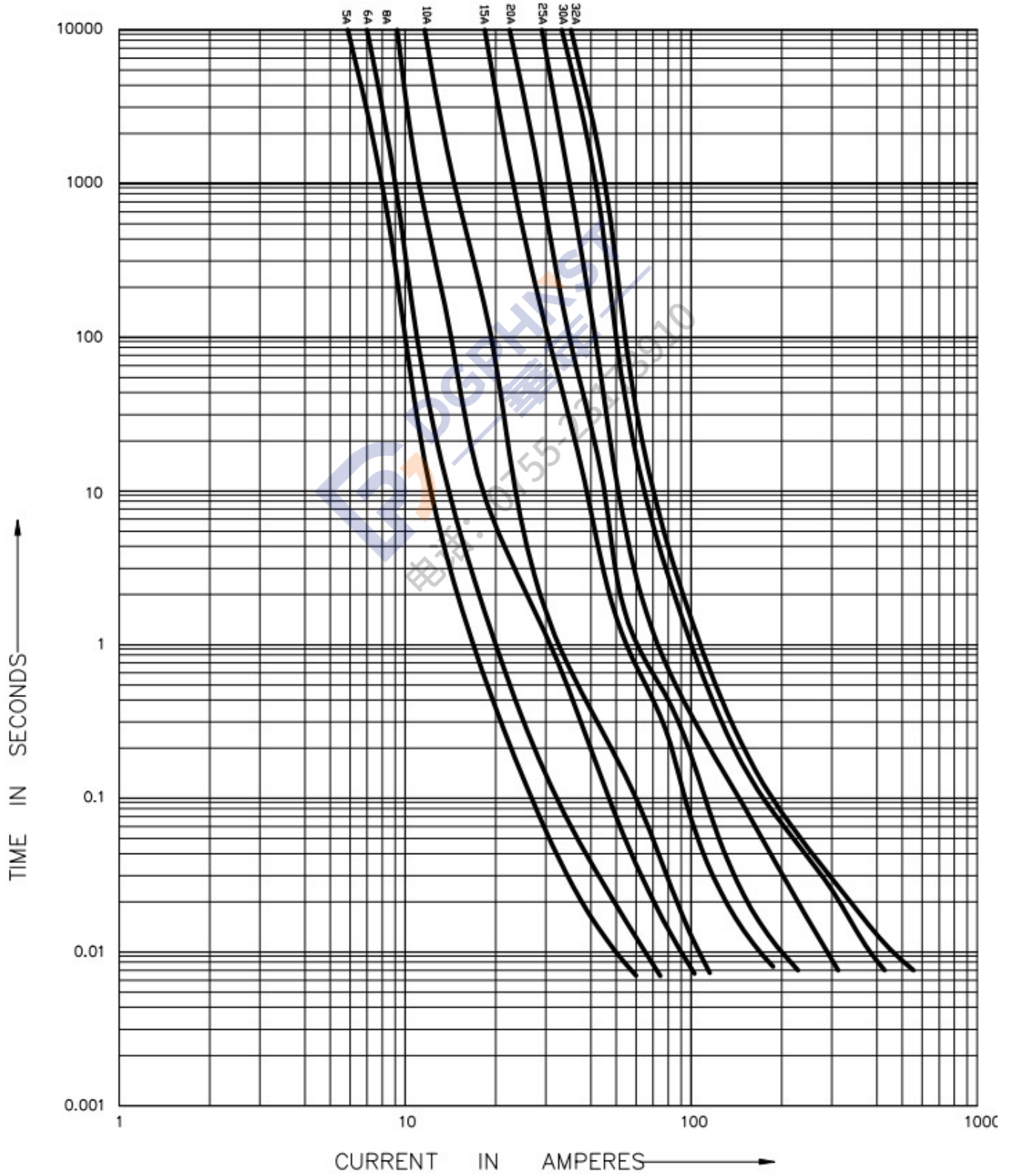
% of Ampere Rating (A)	Operating Time (Unit: s)	
	Min.	Max.
200%	1s	300s
300%	0.1s	15s
500%	0.05s	1s

品名 Type	料号 Ordering P/N				额定电流 Rated Current	分断能力 Breaking Capacity
	WL35-XXX	WL35-XXX-AP	WL35-XXX-BP	WL35-XXX-TH		
WL35	WL35-5	WL35-5-AP	WL35-5- BP	WL35-5- TH	5A	800V DC/10KA
	WL35-6	WL35-6-AP	WL35-6- BP	WL35-6- TH	6A	
	WL35-8	WL35-8-AP	WL35-8- BP	WL35-8- TH	8A	
	WL35-10	WL35-10-AP	WL35-10- BP	WL35-10- TH	10A	
	WL35-15	WL35-15-AP	WL35-15- BP	WL35-15- TH	15A	
	WL35-20	WL35-20-AP	WL35-20- BP	WL35-20- TH	20A	
	WL35-25	WL35-25-AP	WL35-25- BP	WL35-25- TH	25A	
	WL35-30	WL35-30-AP	WL35-30- BP	WL35-30- TH	30A	
	WL35-32	WL35-32-AP	WL35-32- BP	WL35-32- TH	32A	

温升/ Temperature Rise:

60%额定电流小于等于 45K / $\leq 45K$ with 60% of rated current

8. 时间电流曲线/ Time-Current Curve



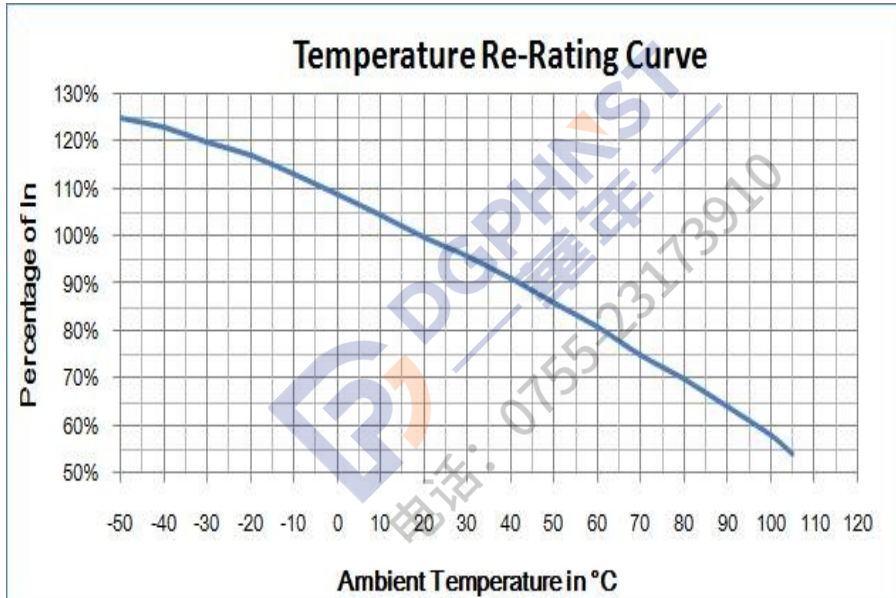
9. 环境特性/ ENVIRONMENTAL CHARACTERISTIC

9.1 操作温度范围: -55°C ~ 125°C / Operating Temperature:-55°C ~ 125°C

若贵司操作环境温度超出 $25\pm 5^\circ\text{C}$ 范围, 在选用保险丝规格时, 需考虑操作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's specification, if the operating environmental temperature beyond the scope from $20\sim 30^\circ\text{C}$, you should consider the environmental temperature's affection to fuses.

Please refer : Temperature-Current curve:



9.2 存储条件 / Storage Conditions

在温度 $+10^\circ\text{C} \sim 60^\circ\text{C}$ 、相对湿度 $\leq 75\%$ 的密闭条件下可存放 3 年。

Under airtight in temperature $+10^\circ\text{C} \sim 60^\circ\text{C}$ 、relative humidity $\leq 75\%$ can store 3 years.

在温度 $+10^\circ\text{C} \sim 60^\circ\text{C}$ 、相对湿度为 95%的非露天下最多可存放 30 天。

Without dew in temperature $+10^\circ\text{C} \sim 60^\circ\text{C}$ 、relative humidity be 95% maximum value for 30days.

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

10.1 螺栓安装,提供其他安装方式选择

Stud-mount, optional for other installtion

10.2 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: $260\pm 3^\circ\text{C}$

焊接时间 / Solder Dwell Time: 10s Max

手工焊参数 / Hand-Solder Parameters:

烙铁温度 / Solder Iron Temperature: $350\pm 5^\circ\text{C}$

焊接时间 / Heating Time: 5 s Max

11. 安全认证及编号/STANDARDS AND APPROVALS

cULus	E483392(0.1A-32A JFHR8/2)
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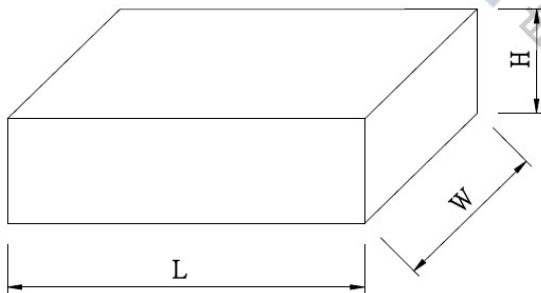
12. 包装及数量/ Packing and Quantity

12.1 数量/ Quantity

规格 Specification	内小盒 Inner small box	内大盒 Inner big box	外箱 Outer carton
WL35-XXX	-	100pcs	1800PCS
WL35-XXX-AP	20pcs	-	1120pcs
WL35-XXX-BP	16pcs	-	896pcs
WL35-XXX-TH	10pcs	-	500pcs

12.2 内盒/ Inner box of

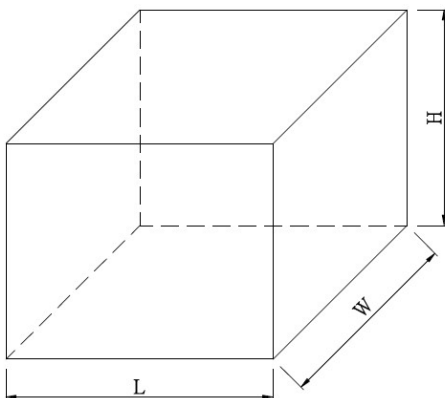
单位/Unit: mm



规格 Specification	L	W	H
WL35-XXX(small)	53±5	21±5	40±5
WL35-XXX(big)	115±5	110±5	45±5
WL35-XXX-AP	57±5	48±5	70±5
WL35-XXX-BP	57±5	48±5	70±5
WL35-XXX-TH	24.5±5	15±5	410±5

12.3 外箱/ Outer carton

单位/Unit: mm



规格 Specification	L	W	H
WL35-XXX	380±5	245±5	200±5
WL35-XXX-AP	380±5	245±5	200±5
WL35-XXX-BP	380±5	245±5	200±5
WL35-XXX-TH	175±5	135±5	420±5

13. 其他/ OTHERS

13.1 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.

13.2 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, WALTER ELECTRONIC CO., LTD. shall amend it by mutual agreement between the parties.

 DGP HNST
— 華年 —
电话: 0755-23173910

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Special-purpose Fuses Certified for Canada - Component

COMPANY

SUZHOU WALTER ELECTRONIC CO LTD

NO.99 Xinli Road
Fenhu Technic Development Zone
Wujiang, Jiangsu Sheng 215211 China

E483392

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

Note: For additional marking information, refer to the [Guide Information Page](#).

Fuses, for protection of semiconductor device, Model(s): WH60

Fuses, for protection of semiconductor device, Model(s): HV110, HV110.PV followed by 0.1 thru 32, followed by AP or BP or CP or TH or blank

Fuses, for protection of semiconductor device, Model(s): WL10 followed by 0.1 thru 50, followed by AP or BP or CP or TH or blank

Fuses, for protection of semiconductor device, Model(s): WL20 followed by 0.1 thru 50, followed by AP or BP or P1 or I or blank

Fuses, for protection of semiconductor device, Model(s): WL25 followed by 0.1 thru 32, followed by AP or BP or CP or P1 or blank

Fuses, for protection of semiconductor device, Model(s): WL30 followed by 0.1 thru 32, followed by AP or BP or P1 or I or blank

Fuses, for protection of semiconductor device, Model(s): WL35 followed by 0.1 thru 50, followed by AP or BP or CP or TH or blank

Fuses, for protection of semiconductor device, Model(s): WL40 followed by 0.1 thru 32, followed by AP or BP or CP or P1 or blank

Fuses, for protection of semiconductor device, Model(s): WL50 followed by 0.1 thru 32, followed by AP or BP or I or P1 or blank

Semiconductor Fuse, Model(s): WD22 followed by -100 thru -400, and may followed by M8, M10, CT or blank

Semiconductor Fuse, Model(s): WD25 followed by -100 thru -400, and may followed by M8, M10, CT or blank

Semiconductor Fuse, Model(s): WD35 followed by -100 thru -400, and may followed by M8, M10, CT or blank

Semiconductor Fuse, Model(s): WD38 followed by -100 thru -400, and may followed by M8, M10, CT or blank

Semiconductor Fuse, Model(s): WD38 followed by -300 thru -630, followed by VT

Semiconductor Fuse, Model(s): WD60 followed by -100 thru -400, followed by BT, CT, CTB, M8, M10 or blank

Semiconductor Fuse, Model(s): WD60 followed by -300 thru - 700, followed by VT, followed by M8, M10 or blank

Semiconductor Fuse, Model(s): WD63 followed by -100 thru - 400, followed by BT, CT, CTB, M8, M10 or blank

Semiconductor Fuse, Model(s): WD63 followed by -300 thru - 700, followed by VT, followed by M8, M10 or blank

Semiconductor Fuse, Model(s): WE30 followed by -50 thru -200, and may followed by M8, M10 or blank

Semiconductor Fuse, Model(s): WE35 followed by -50 thru -200, and may followed by M8, M10 or blank

Semiconductor Fuse, Model(s): WE38 followed by -50 thru -200, and may followed by M8, M10 or blank

Semiconductor Fuse, Model(s): WE40 followed by -50 thru -200, and may followed by M8, M10 or blank

Semiconductor Fuse, Model(s): WE50 followed by -30 thru - 400, followed by M8, M10 or blank

Semiconductor Fuse, Model(s): WE53 followed by -30 thru - 400, followed by M8, M10 or blank

Semiconductor Fuse, Model(s): WE55 followed by -30 thru - 400, followed by M8, M10 or blank

Semiconductor Fuse, Model(s): WH25 followed by -5 thru -80, and may followed by M6, M8 or blank

Semiconductor Fuse, Model(s): WH28 followed by -5 thru -80, and may followed by M6, M8 or blank

Semiconductor Fuse, Model(s): WH30 followed by -5 thru - 100, followed by A, M6, M8, M8L or blank

Semiconductor Fuse, Model(s): WH33 followed by -5 thru - 100, followed by A, M6, M8, M8L or blank

Semiconductor Fuse, Model(s): WH40 followed by -5 thru - 100, followed by A, M6, M8, M8L or blank

Semiconductor Fuse, Model(s): WH42 followed by -5 thru - 100, followed by A, M6, M8, M8L or blank

Semiconductor Fuse, Model(s): WH62 followed by -5 thru -200, and may followed by A, M6, M8, M8L or blank

Special Purpose Fuse, Model(s): WM70, followed by ampere 0.1-63 and may followed by suffix P, BT or blank

Special Purpose Fuses, Model(s): LFC, LFP

@ - followed by 0.1 thru 32, followed by AP or BP or CP or TH or blank.

Last Updated on 2023-05-23

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