

## 1. 適用範圍 / SCOPE

WH40 系列，適用於純電動汽車和混合動力汽車的全範圍分斷熔斷器。  
WH40 series, general purpose fuse for EV/HEV



## 2. 產品型號 / TYPE

例「example」：

WH40	100A	700V	① 系列號 / Series Number
↓	↓	↓	② 額定電流 / Rated Current
①	②	③	③ 額定電壓 / Rated Voltage

## 3. 額定電流和額定電壓 / RATED CURRENT AND RATED VOLTAGE

額定電流 / Rated Current: 5A~150A

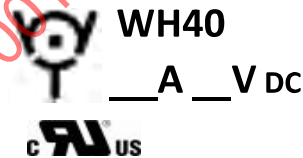
額定電壓 / Rated Voltage: 700V DC

## 4. 標示 / MARKING

保險絲上需有下列標示/The fuses shall have the following marking

製造工廠的標識+系列號/ Manufacture' s Logo+ Part Number:

額定電流+額定電壓/ Rated Current (A)+ Rated Voltage(V):



注意 / Note :

對標示的大小和位置沒有規定 / Size and position of the markings shall not be provided.

## 5. 外觀及形狀 / APPEARANCES AND CONFIGURATION

5-1 外觀：不應有破碎、明顯的污斑。

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

5-2 螺栓安裝,提供其他安裝方式選擇

Stud-mount, optional for other installtion

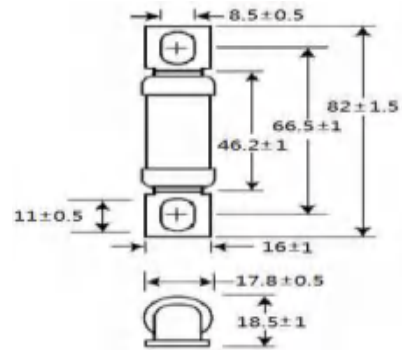
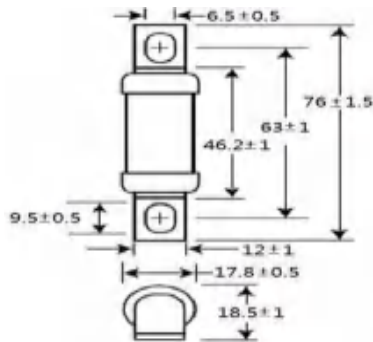
## 6. 工程圖和結構 / OUTLINE DRAWING AND STRUCTURE

6-1 工程圖（單位：mm） / Outline Drawing and Dimensions (Unit: mm)

（安裝端子厚度均為 2mm）

類型和安裝方式代碼：M6  
Type & Assembly code：M6

類型和安裝方式代碼：M8  
Type & Assembly code：M8



## 7. 電氣特性 / ELECTRICAL CHARACTERISTICS

Electrical Characteristics			
P/N	% of Ampere Rating (A)	Operating	
		Min	Max
5A~100A	300%	0.2s	30s
	500%	0.1s	10s

### 說明/Specifications

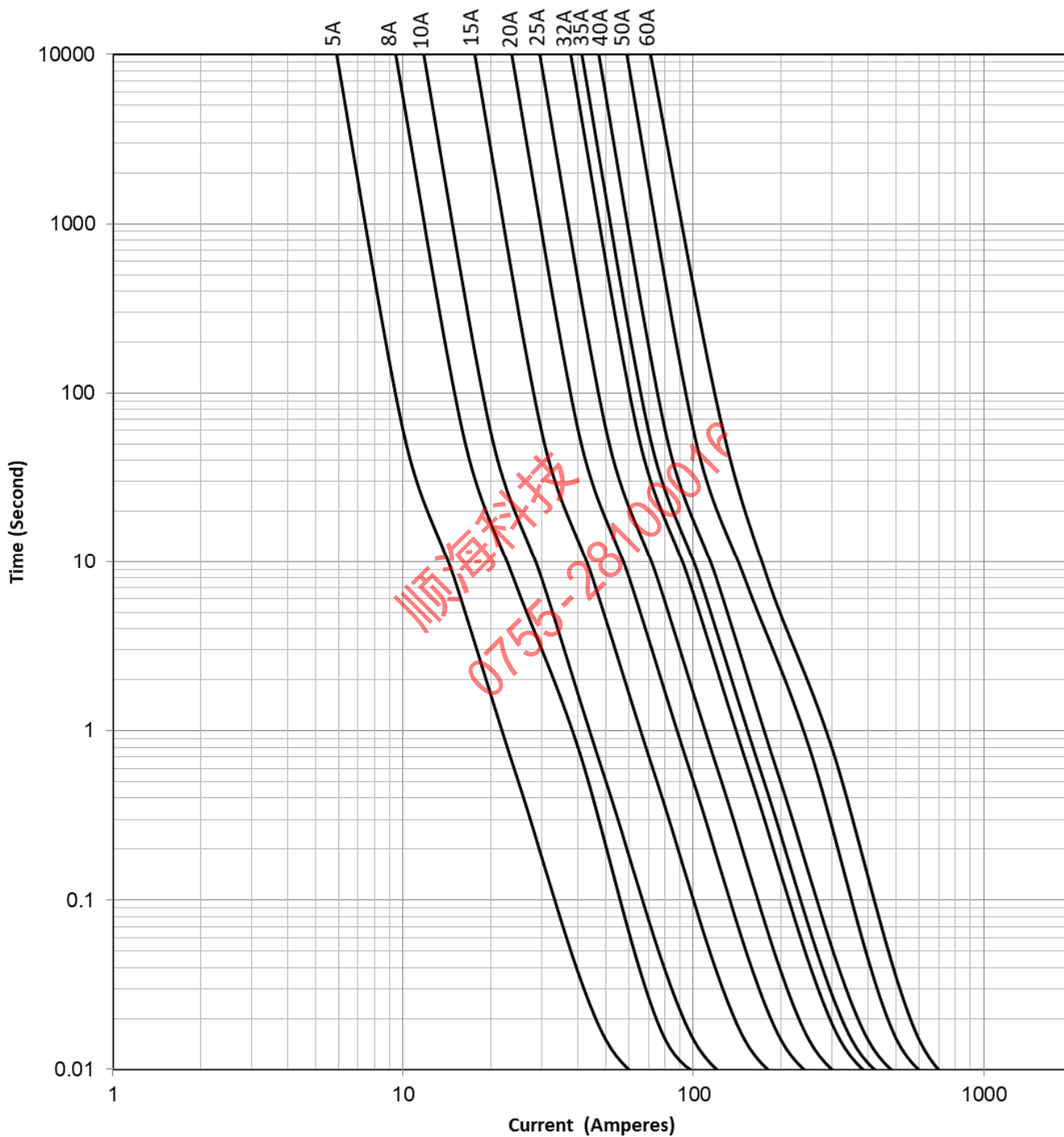
(“XX” 代表類型和安裝方式代碼/“XX” means Type & Assembly code )

品名 Type	料號 Ordering P/N WH40-XXX- XX (XX: M6/M8)	額定電流 Rated Current	額定電壓 Rated Voltage	分斷能力 Breaking Capacity	I <sup>2</sup> t 值 I <sup>2</sup> t (A <sup>2</sup> S)
WH40	WH40-5- XX	5A	700 Vdc	700Vdc / 10kA	37.5
	WH40-8- XX	8A			96
	WH40-10- XX	10A			150
	WH40-15- XX	15A			330
	WH40-20- XX	20A			400
	WH40-25- XX	25A			625
	WH40-32- XX	32A			1000
	WH40-35- XX	35A			1180
	WH40-40- XX	40A			1600
	WH40-50- XX	50A			2500
	WH40-60- XX	60A			3500
	WH40-80- XX	80A			6500
	WH40-100- XX	100A			10000

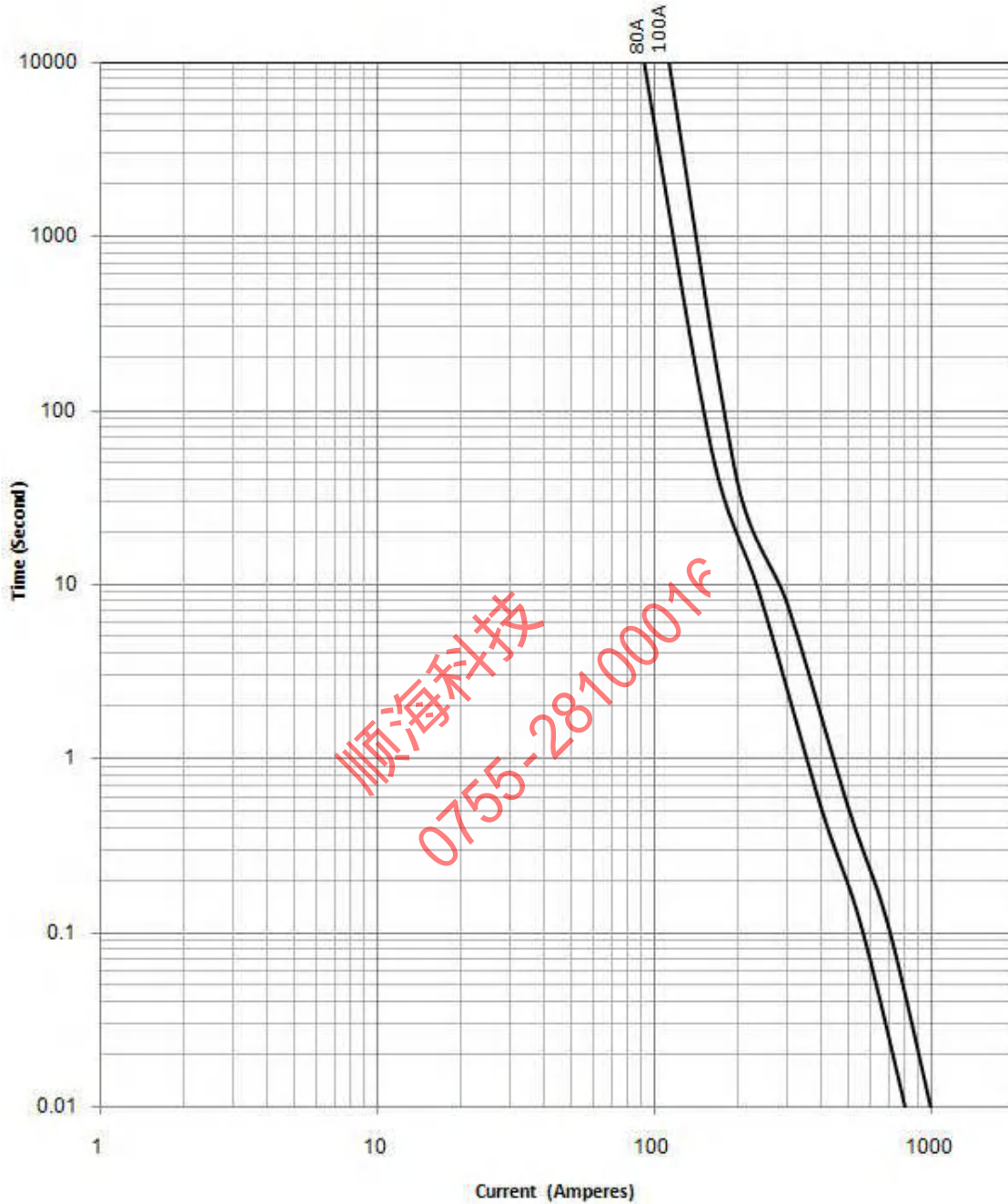
溫升： 60%額定電流小於等於 45K

Temperature Rise: <= 45K with 60% of rated current

## 8. 時間電流曲線 Time-Current Curve


**Time Current Curve**


Time Current Curve



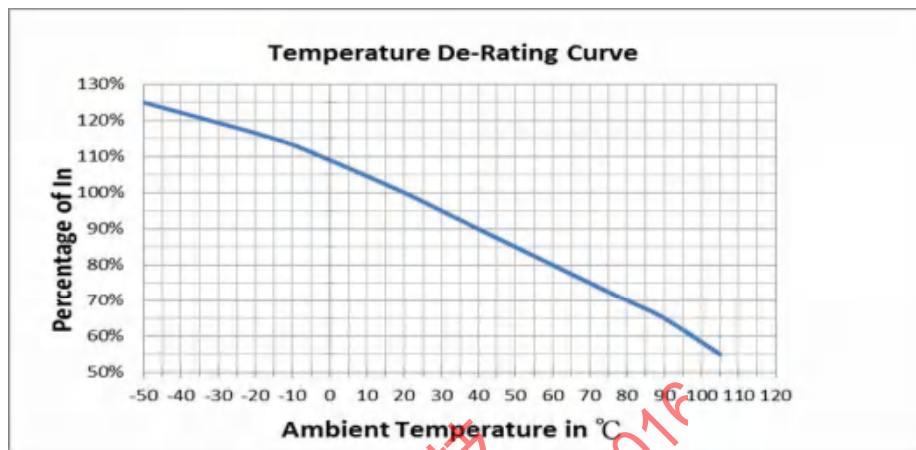
9. 環境特性 / ENVIRONMENTAL CHARACTERISTIC

9-1 操作溫度範圍: -55°C ~ 125°C / Operating Temperature: -55°C ~ 125°C

若貴司操作環境溫度超出25±5°C範圍，在選用保險絲規格時，需考慮操作環境溫度對保險絲的影響。請參照：溫度-電流曲綫圖。

When choosing the fuse's specification, if the operating environmental temperature beyond the scope from 20~30°C, you should consider the environmental temperature's affection to fuses.

Please refer : Temperature-Current curve:



9-2 存儲條件 / Storage Conditions

在溫度+10°C ~ 60°C、相對濕度≤75%的密閉條件下可存放3年。

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

在溫度+10°C ~ 60°C、相對濕度為95%的非露天下最多可存放30天。

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

10. 安裝方式及條件 / INSTALLATION WAY AND PARAMETERS

10-1 螺栓安裝,提供其他安裝方式選擇

Stud-mount, optional for other installtion

11. 安全認證及編號 / STANDARDS AND APPROVALS

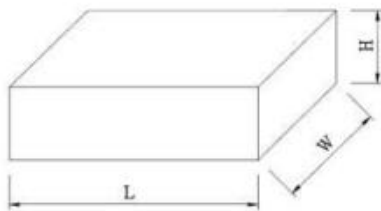
UR	E483392 (5A~100A JDYX2 )
CUR	E483392 (5A~100A JDYX8 )

## 12. 包裝及數量 / Packing and Quantity

### 12-1 數量/ Quantity

規格 Specification	內盒 / Inner box	外箱 / Outer carton
WH40-XXX- M6/M8	10 / 8PCS	350 / 280 PCS

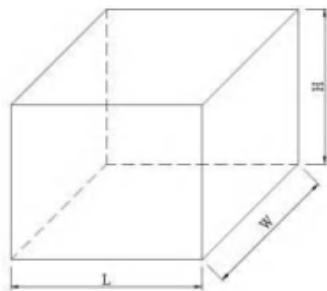
### 12-2 內盒 / Inner box of



單位/Unit : mm

規格/Specification	L	W	H
WH40-XXX- M6/M8	100±5	80±5	43±5

### 12-3 外箱 / Outer carton



單位/Unit : mm

規格/Specification	L	W	H
WH40-XXX- M6/M8	380±5	245±5	200±5



## 13. 其他 / OTHERS

13-1 如果在使用中有超出本規格書的要求，必須經由雙方協商確認。

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

13-2 如果本規格書有不適當的情況，必須通過雙方協商并由本公司修改。

In the event that an impropriety is found in this specification, WALTER ELECTRONIC CO., LTD. shall amend it by mutual agreement between the parties.

版次	製作	確認	審核
第四版	侯愛珍	吳讓彬	Andrew

# JFHR8.E483392 - SPECIAL-PURPOSE FUSES CERTIFIED FOR CANADA - COMPONENT

## Special-purpose Fuses Certified for Canada - Component

See General Information for Special-purpose Fuses Certified for Canada - Component

### SUZHOU WALTER ELECTRONIC CO LTD

E483392

NO.99 Xinli Road

Fenhu Technic Development Zone

Wujiang, Jiangsu 215211 CHINA

**Capacitor fuse**, Model(s) WHCT, WHEET, WHET, WHFM, WHFMM, WLCT, WLET, WLMMT, WLMT

**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) WH60

**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; 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; 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; 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.

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

Last Updated on 2019-09-12

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