




1. 用範圍 / SCOPE

WN40 系列小型保險絲，適用於通訊、工業設備及一般電源。
WN40 series Miniature-Fuse, used in Communication、Industrial facilities and General power.

2. 產品型號 / TYPE

例「example」：

WN40	25A	300V	
↓	↓	↓	↓
①	②	③	④

①系列號/Series Number
②額定電流/rated Current
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: 25A

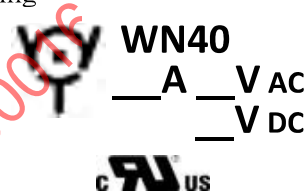
額定電壓 / Rated Voltage: 300VAC DC

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。

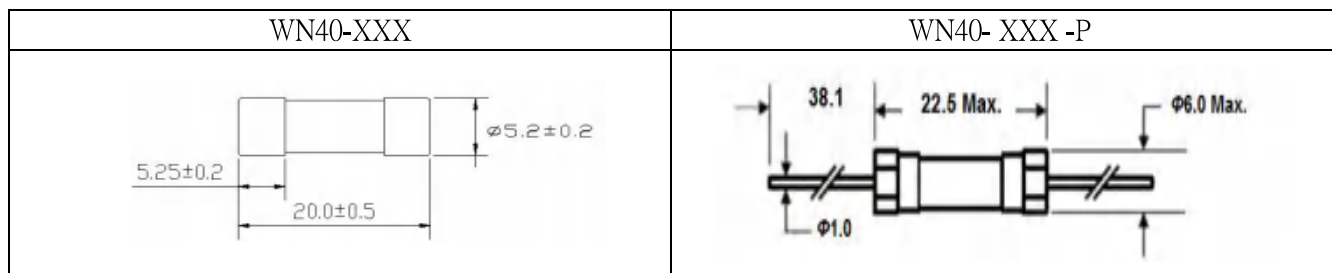
Appearances: There shall not be break up and any remarkable blotch.

5-2 形狀：小型保險絲。

Configuration: Miniature-Fuse.

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)





7. 電氣特性 / ELECTRICAL CHARACTERISTICS

Rated Current	1.0In	2.0In
25A	4 hour min.	120 sec max

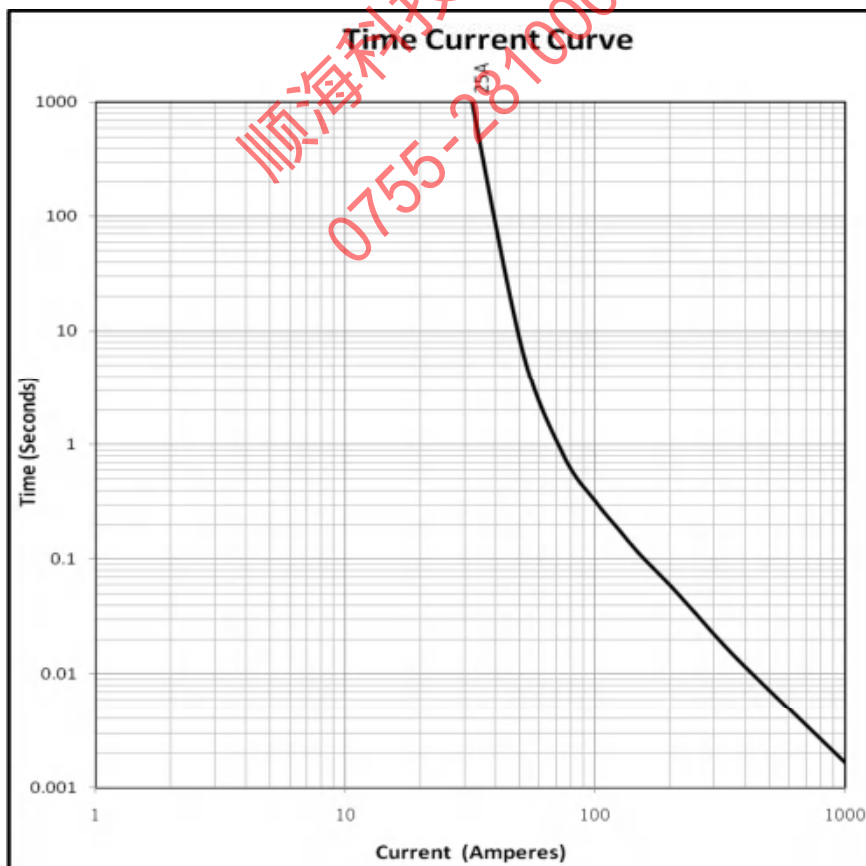
說明/Specifications

品名 Part No	料號 Ordering P/N		額定電壓 Rated Voltage		額定電流 Rated Current	分斷能力 Breaking Capacity (A)		電阻 Typical. Cold. Resistance (mΩ)	電壓降 Maximum Voltage Drop (mV)	I ² t 值 Typical Pre-Arcing I ² t (A ² Sec)
						300Vac	300Vdc			
WN40	WN40-XXX	WN40-XXX-P	AC/DC		25A	300A	300A	2.9	120	1850
	WN40-25	WN40-25-P	300V	300V		300A	300A			

* DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C

* Typical Pre-arcing I²t are measured at 10In Current

8. 時間電流曲線 Time-Current Curve



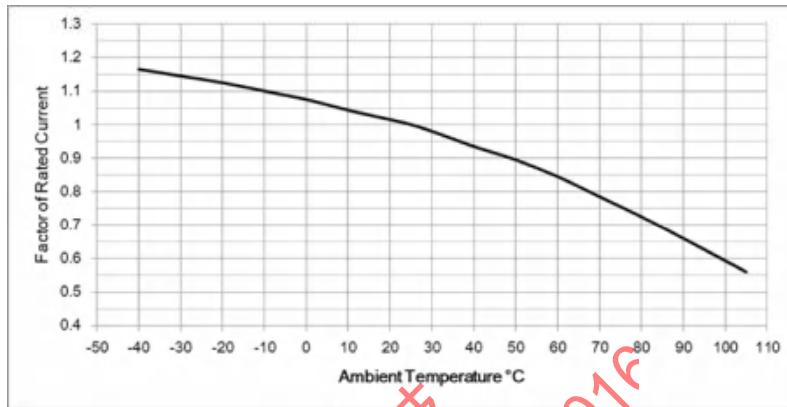
9. 環境特性 / ENVIRONMENTAL CHARACTERISTIC

9-1 操作溫度範圍: $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ / Operating Temperature: $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$

若貴司操作環境溫度超出 $25 \pm 5^{\circ}\text{C}$ 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-電流曲線圖。

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 存儲條件 / Storage Conditions

在溫度 $+10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ 、相對濕度 $\leq 75\%$ 的密閉條件下可存放 3 年。
Under airtight in temperature $+10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ 、relative humidity $\leq 75\%$ can store 3 years.

在溫度 $+10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ 、相對濕度為 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.

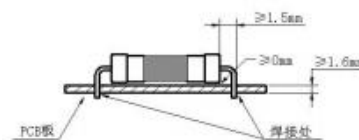
10. 安全認證及編號 / STANDARDS AND APPROVALS

UR	E56092 (100mA~30A JDYX2)
CUR	E56092 (100mA~30A JDYX8)

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

11-1 建議如下圖安裝方式安裝，並滿足所要求的尺寸。

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





11-2 建議客戶焊接參數 / Recommended Customer Soldering Parameters

波峰焊參數 / Wave Parameters:

錫爐溫度 / Solder Pot Temperature: 260±3°C

焊接時間 / Solder Dwell Time: 10s Max

手工焊參數 / Hand-Solder Parameters:

烙鐵溫度 / Solder Iron Temperature: 350±5°C

焊接時間 / Heating Time: 5 s Max

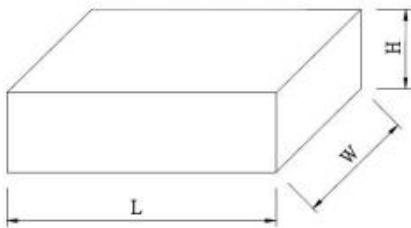
12 包裝 / PACKING

12-1 數量 / Quantity

規格/Specs	袋 Inner polybag	小盒 Inner small box .	大盒 Inner big box	外箱 outer carton
WN40-XXX (rated current $\geq 3A$)	500 PCS	/	500 PCS	10K PCS
WN40-XXX-P	/	/	100 PCS	1800 PCS

12-2 盒裝(大) / Inner big box

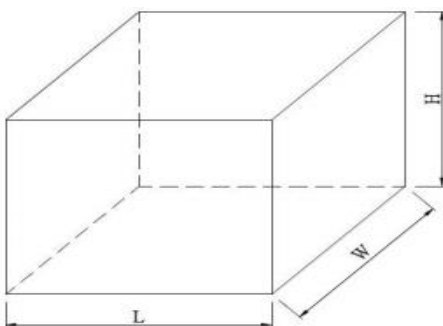
單位/Unit: mm



規格/ Specs	L	W	H
WN40-XXX (rated current $\geq 3A$)	185±3	75±3	65±3
WN40-XXX-P	140±3	105±3	45±3

12-3 外箱 / Outer carton

單位/Unit : mm



規格/ Specs	L	W	H
WN40-XXX (rated current $\geq 3A$)	400±5	380±5	140±5
WN40-XXX-P	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，必須通過雙方協商並由本公司修改。

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



順海科技
0755-28100016

版次	製作	確認	審核
第一版	蔡小梅	Kevin	Andrew



UL iQ for Fuses



Fuses

E56092

Guide Information

SUZHOU WALTER ELECTRONIC CO LTD

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

WN40-XX XX represents rated current

Supplemental fuses: pigtail leads, filled-tube, cartridge enclosed

<u>Size</u> mm(in)	<u>Amps</u> (A)	<u>Volts</u> (V)	<u>Interrupting</u> <u>Rating (A)</u>
5.54 x 21.1 (0.22 x 0.83)	0.1 - 10	300Vac	3000
	0.1 - 10	300Vdc	3000
	0.1 - 30	300Vdc	300
	0.1 - 30	300Vac	300

Report Date: 2016-04-01

Last Revised: 2018-10-23

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