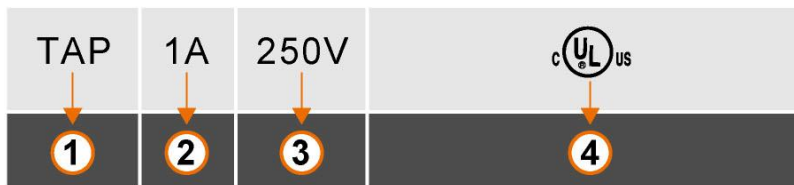


1. 適用範圍 / SCOPE

TAP 系列保險絲，適用於一般電子設備。
TAP series Fuse, used in electronic equipment.

2. 產品型號 / TYPE

例「example」：



- ① 系列號 / Series Number
- ② 額定電流 / Rated Current
- ③ 額定電壓 / Rated Voltage
- ④ 認證符號 / Approved Symbol

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

額定電流 / Rated Current:

100mA~6.3A

額定電壓 / Rated Voltage:

125V/250V AC

4. 標示 / MARKING

保險絲兩端銅帽上需有下列標示 / The fuses cap shall have the following marking:

①規 格：額定電流+額定電壓

Specification : Rated Current + Rated Voltage

100mA~800mA : ___mA 125V/250V

1A~6.3A : ___A 125V/250V

②商 標：製造工廠的商標+系列號+認證符號

Trade mark : The Manufacture' s Logo +Part Number + Approved Symbol.

100 mA~6.3A :  TAP 

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

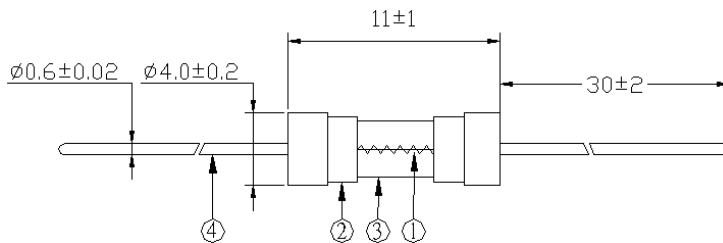
5-1 外觀：不應有破碎、明顯的汙斑。

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

5-2 形狀：帶腳的小型保險絲。
 Configuration: Axial Leaded 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)



6-2 結構 / Structure

編號 No.	元件 Component	材質 Material	數量 Quantity
①	熔絲 Wire	合金 Alloy	1
②	銅帽 Cap	黃銅鍍鎳 Brass with nickel plated	2
③	本體 Body	玻璃管 Glass tube	1
④	引線 Lead	鍍錫銅線 Tinned Copper wire	2

7. 產品特性 / PRODUCT CHARACTERISTICS

7-1 拉力測試 / Tensile test

軸向拉力 10 牛頓，持續 10±1 秒 / Pulling the cap of the fuse with 10N at axial direction keep 10±1sec.

7-2 推力測試 / Thrust test

軸向推力 2 牛頓，持續 10±1 秒 / Thrust two cap's bottom of the fuse with 2N at axial direction keep 10±1sec.

7-3 可焊性 / Solderability

波峰焊 Wave : 260°C , ≤3s;

烙鐵焊 Soldering Iron: 350±10°C , ≤3s.

7-4 耐焊接熱 / Soldering heat resistance

波峰焊 Wave : 260°C , 10s;

烙鐵焊 Soldering Iron: 350°C , 5s.

8. 電氣特性 / ELECTRICAL CHARACTERISTICS

熔斷/電流特性：Pre-Arcing Time / Current Characteristic

RATED CURRENT	2 IN	5 IN	10 IN
100mA to 6.3A	Max.	Min.	Min.
	60 s	90 ms	10 ms

9. 環境特性 / ENVIRONMENTAL CHARACTERISTIC

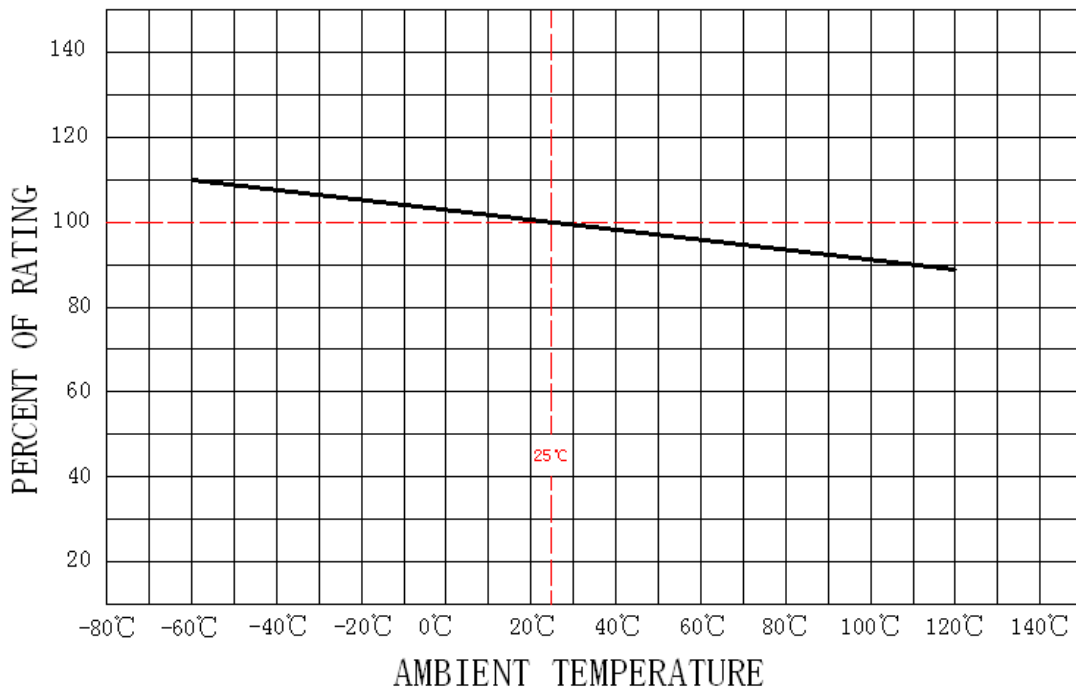
9-1 操作溫度範圍: $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ / Operating Temperature: $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$

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.

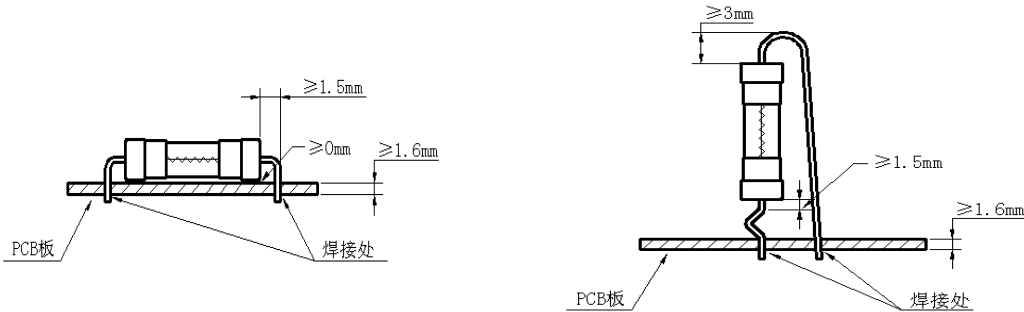
在溫度 $+10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ 、相對濕度為 95% 的非露天下最多可存放 30 天。

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

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

10-1 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.



10-2 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°C Max

焊接時間 / Solder Dwell Time: 2~5s

手工焊參數 / Hand-Solder Parameters: 350±5°C

烙鐵溫度 / Solder Iron Temperature:

焊接時間 / Heating Time: 5 s Max

11. 其他使用注意事項 / OTHER NOTICE IN USED

如果需在保險絲上加熱縮套管，烘烤溫度與時間需參照以下規定

If need to add heat draws back the sleeve pipe on the fuse, it needs to consult the following regulation to toast temperature and time

溫度 temperature	120°C	130°C	140°C	150°C
時間 time	Max 70s	Max 60s	Max 50s	Max 40s

12. 安全認證及編號 / STANDARDS AND APPROVALS

UL	NO. :	E56092 (100mA~6.3A JDYX)
C-UL	NO. :	E56092 (100mA~6.3A JDYX 7)

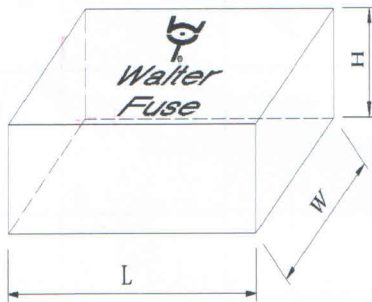
13. 包裝 / PACKING

13-1 包裝數量 / Packing Quantity

A：每內盒裝 1000 個保險絲。
1000pcs per inner box .

B：每外箱裝 20 內盒保險絲。
20 inner boxes per outer box .

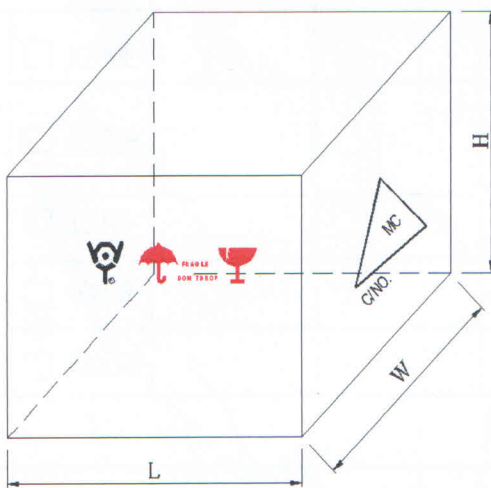
13-2 內包裝盒/Inner box of packing



單位/Unit : mm

L	W	H
157±3	127±3	84±2

13-3 外包裝箱/Outer box of packing



單位/Unit : mm

L	W	H
335±5	451±5	285±5

14. 其他 / OTHERS

14-1 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.

14-2 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.

版次	製作	確認	審核
第四版	吳志彬 2016/12/20	李學子 2016/12/20	Eris Kuo

2016.12.29



JDYX.E56092 Fuses, Supplemental

Page Bottom

Fuses, Supplemental

[See General Information for Fuses, Supplemental](#)

WALTER ELECTRONIC CO LTD

E56092

2ND FL

97 CHUNG KING N RD, SEC 4

TAIPEI CITY, TAIWAN



Trademark and/or Tradename: "Walter",

Cat. No.	Size	Amps	V ac	Interrupting Rating (A)
Miniature, cartridge enclosed, nonrenewable:				
SCC, SCP+	5.2 x 20 mm	0.1-10.0	125	10,000
		0.1-1	250	35
		1.1-3.5	250	100
		3.6-10	250	200
SBC, SBP+	5.2 x 15.2 mm	0.125-3.5	125	10,000
		0.125-1.0	250	35
		1.1-3.5	250	100
		0.125-3.5	350	100
MGC	1/4 x 1-1/4 in.	0.01-15	125	10,000
		0.01-1	250	35
		1.1-3.5	250	100
		3.5-10	250	200
MGP+	1/4 x 1-1/4 in.	0.01-15	125	10,000
		0.01-1	250	35
		1.1-3.5	250	100
		3.5-10	250	200
CIS	5.2 x 20 mm	0.01-10	125	10,000
		0.01-1.0	250	35
		1.1-3.5	250	100
		3.6-5.0	250	200
CSP+	5.2 x 20mm	0.01-7	125	10,000

		0.01-1.0	250	35
		1.1-3.5	250	100
		3.6-5.0	250	200
SGA, SLA+	5.2 x 20 mm	0.01-7	125	10,000
		0.01-1	250	35
		1.1-3	250	100
SGC, SGP+	5.2 x 20 mm	0.01-10	125	10,000
		0.01-1.0	250	35
		1.1-3.5	250	100
		3.6-8	250	200
SIC	5.2 x 20 mm	0.1-7	125	10,000
		0.1-1	250	35
		1.1-3.5	250	100
		3.6-7.0	250	200
		0.1-7	125 Vdc	100
SIP+	5.2 x 20 mm	0.1-5	125	10,000
		0.1-1	250	35
		1.1-3.5	250	100
		3.6-5.0	250	200
		0.1-5	125 Vdc	100
BGT, BTP+	4.6 x 15.2 mm	0.1-7	125	10,000
		0.1-1	250	35
		1.1-3.5	250	100
		3.6-7	250	200
BGF, BFP+	4.6 x 15.2 mm	0.1-7	125	10,000
		0.1-1.0	250	35
		1.1-3.5	250	100
BFP+	4.6 x 15.2 mm	3	300	50
MDC, MDP+	1/4 x 1-1/4 in.	0.01-15	125	10,000
		0.01-1	250	35
		1.1-3.5	250	100
		3.6-8	250	200
		0.01-15	125DC	500
TDS, TSP	5.2 x 20 mm	0.01-5	125	10,000
		0.01-1	250	35
		1-3.5	250	100
TDS-1A		1	125	10,000
			250	35
TDS-4A		4	125	10,000
CIL, CLP	6.35 x 31.8 mm	0.01-2.5	125	10,000

		0.01-0.8	250	35
TDL, TLP	6.35 by 31.8 mm	0.01-5	125	10,000
		5	250	200
STC	5.2 by 20 mm	0.01-7.0	125	10,000
		0.01-1	250	35
		1.1-3.5	250	100
		3.6-7.0	250	200
Micro, cartridge enclosed, nonrenewable:				
TSA, FAP+	3.6 x 10 mm	0.01-0.63	125	50
		0.01-0.63	250	35
		0.7-6.3	125/250	50
TAP+, ICP+	3.6 x 10 mm	0.1-6.3	125/250	50
TCP+, FCP+	3.0 x 7.3 mm	0.16-6.3	125AC/DC	50
FIP	3.6 x 10 mm	0.25-6.3	250	50
FUP+	3.6 x 10 mm	0.3	250	50
6125F	2.5 x 2.5 x 6.1 mm	0.250 - 15	125AC	50
	2.5 x 2.5 x 6.1 mm	0.250 - 15	63DC	300
	2.5 x 2.5 x 6.1 mm	1 - 15	125DC	50
6125T	2.5 x 2.5 x 6.1 mm	0.200 - 6.3	125AC/DC	50
	2.5 x 2.5 x 6.1 mm	7	125	50
	2.5 x 2.5 x 6.1 mm	7	63DC	50

+Pigtail leads.

NN indicates ampere rating of fuse

Last Updated on 2011-03-10

[Questions?](#)

[Print this page](#)

[Notice of Disclaimer](#)

[Page Top](#)

Copyright ©2011 Underwriters Laboratories Inc.®

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2011 Underwriters Laboratories Inc.®"

An independent organization working for a safer world with integrity, precision and knowledge.





JDYX7.E56092 Fuses, Supplemental Certified for Canada

Page Bottom

Fuses, Supplemental Certified for Canada

See General Information for Fuses, Supplemental Certified for Canada

WALTER ELECTRONIC CO LTD

E56092

2ND FL

97 CHUNG KING N RD, SEC 4

TAIPEI CITY, TAIWAN

Cat. No.	Size	Amps	V ac	Interrupting Rating (A)
Miniature, cartridge enclosed, nonrenewable:				
SCC, SCP+	5.2 x 20 mm	0.1-10.0	125	10,000
		0.1-1	250	35
		1.1-3.5	250	100
		3.6-10	250	200
SBC, SBP+	5.2 x 15.2 mm	0.125-3.5	125	10,000
		0.125-1.0	250	35
		1.1-3.5	250	100
		0.125-3.5	350	100
MGC, MGP+	1/4 x 1-1/4 in.	0.01-15	125	10,000
		0.01-1	250	35
		1.1-3.5	250	100
		3.5-10	250	200
CIS	5.2 x 20 mm	0.01-10	125	10,000
		0.01-1.0	250	35
		1.1-3.5	250	100
		3.6-5.0	250	200
CSP+	5.2 x 20mm	0.01-7	125	10,000
		0.01-1.0	250	35
		1.1-3.5	250	100
		3.6-5.0	250	200
SGA, SLA+	5.2 x 20 mm	0.01-7	125	10,000
		0.01-1	250	35
		1.1-3	250	100
SGC, SGP+	5.2 x 20 mm	0.01-10	125	10,000
		0.01-1.0	250	35

		1.1-3.5	250	100
		3.6-8	250	200
SIC	5.2 x 20 mm	0.1-7	125	10,000
		0.1-1	250	35
		1.1-3.5	250	100
		3.6-7.0	250	200
		0.1-7	125 Vdc	100
SIP+	5.2 x 20 mm	0.1-5	125	10,000
		0.1-1	250	35
		1.1-3.5	250	100
		3.6-5.0	250	200
		0.1-5	125 Vdc	100
BGT, BTP+	4.6 x 15.2 mm	0.1-7	125	10,000
		0.1-1	250	35
		1.1-3.5	250	100
		3.6-7	250	200
BGF, BFP+	4.6 x 15.2 mm	0.1-7	125	10,000
		0.1-1.0	250	35
		1.1-3.5	250	100
BFP+	4.6 x 15.2 mm	3	300	50
MDC, MDP+	1/4 x 1-1/4 in.	0.01-15	125	10,000
		0.01-1	250	35
		1.1-3.5	250	100
		3.6-8	250	200
		0.01-15	125DC	500
TDS, TSP	5.2 x 20 mm	0.01-5	125	10,000
		0.01-1	250	35
		1.1-3.5	250	100
TDS-1A		1	125	10,000
			250	35
TDS-4A		4	125	10,000
CIL, CLP	5.2 x 20 mm	0.01-2.5	125	10,000
		0.01-0.8	250	35
TDL, TLP	6.35 by 31.8 mm	0.01-5	125	10,000
		5	250	200
STC	5.2 by 20 mm	0.01-7.0	125	10,000
		0.01-1	250	35
		1.1-3.5	250	100
		3.6-7.0	250	200
Micro, cartridge enclosed, nonrenewable:				

TSA, FAP+	3.6 x 10 mm	0.01-0.63	125	50
		0.01-0.63	250	35
		0.7-6.3	125/250	50
TAP+, ICP+	3.6 x 10 mm	0.1-6.3	125/250	50
TCP+, FCP+	3.0 x 7.3 mm	0.16-6.3	125AC/DC	50
FIP	3.6 x 10 mm	0.25-6.3	250	50
FUP+	3.6 x 10 mm	0.3	250	50
6125F	2.5 x 2.5 x 6.1 mm	0.250 - 15	125AC	50
	2.5 x 2.5 x 6.1 mm	0.250 - 15	63DC	300
	2.5 x 2.5 x 6.1 mm	1 - 15	125DC	50
6125T	2.5 x 2.5 x 6.1 mm	0.200 - 6.3	125AC/DC	50
	2.5 x 2.5 x 6.1 mm	7	125	50
	2.5 x 2.5 x 6.1 mm	7	63DC	50

+ Pigtail leads.

NN indicates ampere rating of fuse.



Trademark and/or Tradename: "Walter",

Last Updated on 2011-03-10

[Questions?](#)

[Print this page](#)

[Notice of Disclaimer](#)

[Page Top](#)

Copyright ©2011 Underwriters Laboratories Inc.®

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2011 Underwriters Laboratories Inc.®"

An independent organization working for a safer world with integrity, precision and knowledge.

