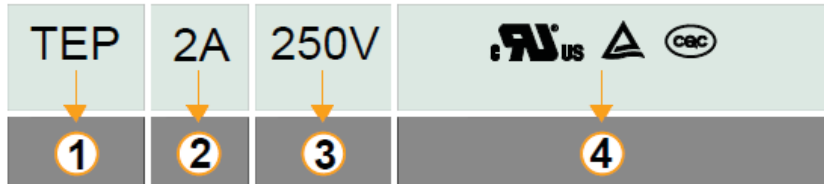


1. 適用範圍 / SCOPE

TEP 系列超小型保險絲，適用於一般電子設備。
TEP series Micro-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:


250mA~6.3A

額定電壓 / Rated Voltage:

250VAC

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:  TEP

額定電流+額定電壓/ Rated Current (A)+ Rated Voltage: T __mA/ __A 250V

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：外觀不應有顯著的污點、鐵銹或裂紋。

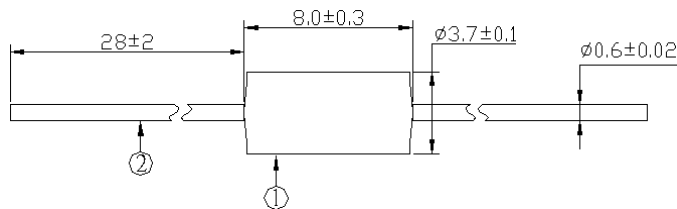
Appearances : There shall not be any remarkable stain, rust or crack on the appearances.

5-2 形狀：帶引腳的超小型保險絲。

Configuration : Axial Leaded Micro-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	本體 Body	塑膠料 Plastic	1
②	引線 Lead	鍍錫銅線 Tinned Copper wire	2

7. 產品特性 / PRODUCT CHARACTERISTICS

7-1 引腳拉力強度 / Lead Pull Strength

10 牛頓 10±1 秒 / 10N for 10±1 Sec.

7-2 引腳推力強度 / Lead Thrust Strength

2 牛頓 10±1 秒 / 2N for 10±1 Sec.

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

8-1 熔斷 / 電流特性: Pre-Arcing Time / Current Characteristic (limits)

RATED CURRENT	1.5 IN		2.1 IN		2.75 IN		4.0 IN		10 IN	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
250mA to 6.3A	1Hour	2min.	400ms	10s	150ms	3s	20ms	150ms		

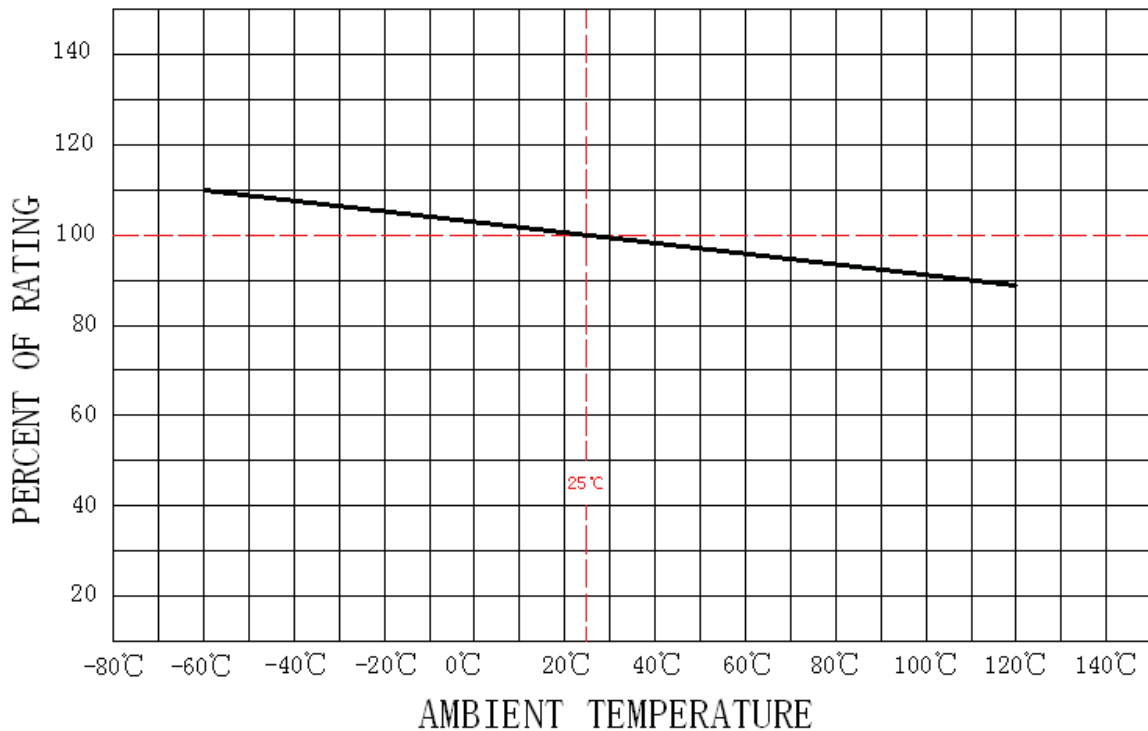
9. 環境特性 / ENVIRONMENTAL CHARACTERISTIC

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.

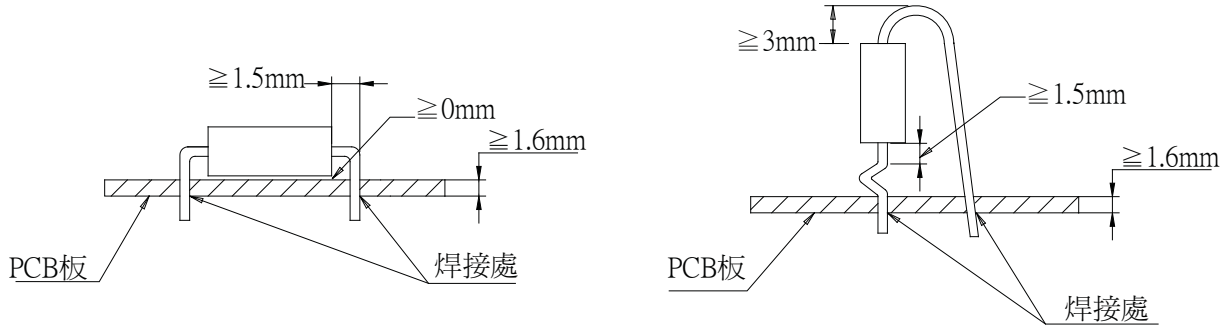
在溫度 $+10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ 、相對濕度為95%的非露天下最多可存放30天。

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

10. 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:

烙鐵溫度 / Solder Iron Temperature:

350±5°C

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

UR	NO. :	E56092(JDYX2)(250mA~6.3A)
C-UR	NO. :	E56092(JDYX8)(250mA~6.3A)
TUV	NO. :	J50208681 (250mA~6.3A)
CQC	NO. :	CQC13012092405

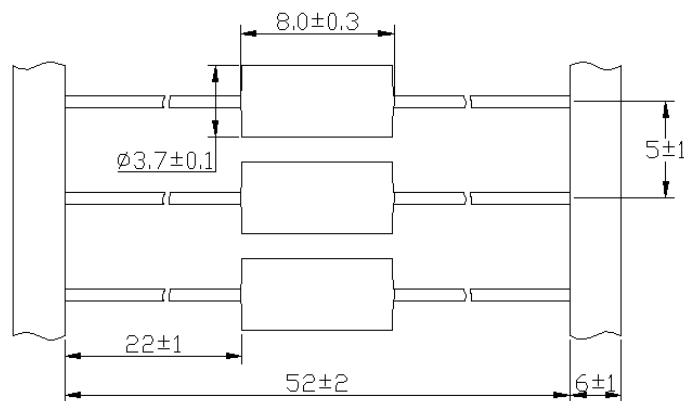
13. 包裝 / PACKING

13-1 包裝數量 / Packing Quantity

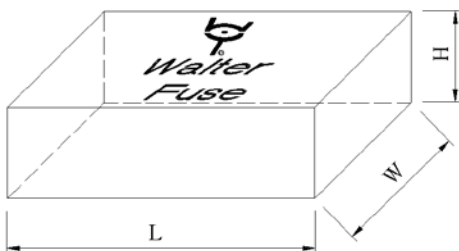
A : 每內盒裝 2000 個保險絲。
2000pcs per inner box .

B : 每外箱裝 10 內盒保險絲。
10 inner boxes per outer box .

13-2 包裝尺寸圖/Taping Configuration



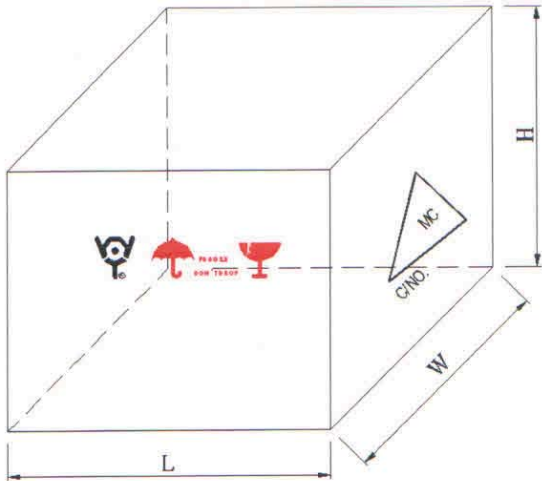
13-3 內包裝盒/Inner box of packing



單位/Unit : mm

L	W	H
255±3	80±3	80±3

13-4 外包裝箱/Outer box of packing



單位/Unit : mm

L	W	H
270±5	445±5	190±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
第五版	吳沁林 5/27	廖世文 5/27	郭瓊瑤 5/13



JDYX2.E56092 Fuses, Supplemental - Component

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Fuses, Supplemental - Component

See General Information for Fuses, Supplemental - Component

WALTER ELECTRONIC CO LTD

E56092

2ND FL
97 CHUNG KING N RD, SEC 4
TAIPEI CITY, TAIWAN

Supplemental fuses

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
MTG	6.35 x 31.75 (0.25 x 1.25)	10 - 20	250Vac	300

Supplemental fuses: pigtail leads, cartridge enclosed

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
FDP	3.6 x 10 (0.14 x 0.39)	0.5 - 1	250Vac	35
		1.25 - 3.15	250Vac	35
		4.0 - 6.3	250Vac	10x Ampere rating
FSD+P	5 x 20 (0.20 x 0.79)	0.2 - 3.15	250Vac	35
		4.0 - 6.3	250Vac	10x Ampere rating
		0.2 - 6.3	125Vdc	35
		0.2 - 0.8	125Vac	10000
		8 - 15	125Vac	10x Ampere rating
		8 - 15	250Vac	10x Ampere rating
		1.0 - 6.3	125Vac	10000
MFP	6.35 x 31.5 (0.25 x 1.24)	0.125 - 10	125Vac	10000
		3.6 - 10	250Vac	200
SFP	5.2 x 20 (0.20 x 0.79)	0.25 - 0.8	125Vac	10000
		0.25 - 0.8	250Vac	35
		1.0 - 3.5	125Vac	10000
		1.0 - 3.5	250Vac	100
		4.0 - 7.0	125Vac	10000

TMD+P	5 x 20 (0.20 x 0.79)	0.1 - 3.5	250Vac	35
		0.1 - 6.3	125Vdc	35
		0.1 - 6.3	125Vac	10000
		3.6 - 6.3	250Vac	10x Ampere rating
		8 - 15	125Vac	10x Ampere rating
		8 - 15	250Vac	10x Ampere rating
TME+P	6.0 x 24 (0.24 x 0.94)	0.1	250Vac	150
		0.125 - 0.315	250Vac	150
		1.0	250Vac	150
		0.4 - 0.8	250Vac	150
		1.25 - 6.3	250Vac	150
		8.0 - 16	250Vac	150
TSD+P	5 x 20 (0.20 x 0.79)	0.1 - 3.5	250Vac	35
		3.6 - 6.3	250Vac	10x Ampere rating
		0.1 - 6.3	125Vac	10000
		0.1 - 6.3	125Vdc	10000

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

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
FSC+P	5 x 20 (0.20 x 0.79)	0.25 - 2.0	125Vac	10000
		0.25 - 2.0	250Vac	1500
		0.25 - 2.0	125Vdc	35
		2.5 - 4.0	125Vac	10000
		2.5 - 4.0	250Vac	1500
		2.5 - 4.0	125Vdc	35
		5.0 - 6.3	125Vac	10000
		5.0 - 6.3	250Vac	1500
		5.0 - 6.3	125Vdc	35
		8	250Vac	1500
		15	250Vac	1500
		10 - 12	250Vac	1500
TSC+P	5 x 20 (0.20 x 0.79)	0.2 - 0.8	250Vac	1500
		1.0 - 6.3	250Vac	1500
		0.2 - 0.8	125Vac	10000
		1.0 - 6.3	125Vac	10000
		0.2 - 0.8	125Vdc	35
		1.0 - 6.3	125Vdc	35

		8 - 10	250Vac	1500
		12 - 15	250Vac	1500
TSS+P	5.6 x 19.5 (0.22 x 0.77)	3.15	125Vac	10000
		4	125Vac	10000
		3.15	250Vac	1500
		4	250Vac	1500
		3.15	125Vdc	35
		4	125Vdc	35

Supplemental fuses: cartridge enclosed

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
FSD	5 x 20 (0.20 x 0.79)	0.2 - 3.15	250Vac	35
		4 - 6.3	250Vac	10x Ampere rating
		0.2 - 6.3	125Vdc	35
		0.2 - 0.8	125Vac	10000
		8 - 15	125Vac	10x Ampere rating
		8 - 15	250Vac	10x Ampere rating
		1.0 - 6.3	125Vac	10000
MGF	6.35 x 31.5 (0.25 x 1.24)	0.125 - 10	125Vac	10000
		3.6 - 10	250Vac	200
MTC	6.35 x 31.75 (0.25 x 1.25)	20	250Vac	1500
		25 - 30	250Vac	500
SGF	5.2 x 20 (0.20 x 0.79)	0.25 - 0.8	125Vac	10000
		0.25 - 0.8	250Vac	35
		1.0 - 3.5	125Vac	10000
		1.0 - 3.5	250Vac	100
		4.0 - 7.0	125Vac	10000
TMD	5 x 20 (0.20 x 0.79)	0.1 - 3.5	250Vac	35
		0.1 - 6.3	125Vdc	35
		0.1 - 6.3	125Vac	10000
		3.6 - 6.3	250Vac	10x Ampere rating
		8 - 15	125Vac	10x Ampere rating
		8 - 15	250Vac	10x Ampere rating
TME	5.2 x 20 (0.20 x 0.79)	0.1	250Vac	150
		0.125 - 0.315	250Vac	150
		1.0	250Vac	150

		0.4 - 0.8	250Vac	150
		1.25 - 6.3	250Vac	150
		8.0 - 16	250Vac	150
TSD	5 x 20 (0.20 x 0.79)	0.1 - 3.5	250Vac	35
		3.6 - 6.3	250Vac	10x Ampere rating
		0.1 - 6.3	125Vac	10000
		0.1 - 6.3	125Vdc	35

Supplemental fuses: filled-tube, cartridge enclosed

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
FSC	5 x 20 (0.20 x 0.79)	0.25 - 2.0	125Vac	10000
		0.25 - 2.0	250Vac	1500
		0.25 - 2.0	125Vdc	35
		2.5 - 4.0	125Vac	10000
		2.5 - 4.0	250Vac	1500
		2.5 - 4.0	125Vdc	35
		5.0 - 6.3	125Vac	10000
		5.0 - 6.3	250Vac	1500
		5.0 - 6.3	125Vdc	35
		8	250Vac	1500
		15	250Vac	1500
		10 - 12	250Vac	1500
TSC	5 x 20 (0.20 x 0.79)	0.2 - 0.8	250Vac	1500
		1.0 - 6.3	250Vac	1500
		0.2 - 0.8	125Vac	10000
		1.0 - 6.3	125Vac	10000
		0.2 - 0.8	125Vdc	35
		1.0 - 6.3	125Vdc	35
		8 - 10	250Vac	1500
		12 - 15	250Vac	1500

Supplemental micro fuses

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
F92, 1206T	3.2 x 1.6 (0.13 x 0.06)	0.8	63Vdc	50
		1.0	63Vdc	50
		1.25 - 1.75	63Vdc	50
		2.0 - 6.0	63Vdc	50

		6.3 - 10	63Vdc	50
F93, 1206F	3.2 x 1.6 x 0.6 (0.13 x 0.06 x 0.02)	0.5 - 0.8	125Vdc	50
		1.0 - 10	63Vdc	50
J93, 0603F	1.6 x 0.8 x 0.6 (0.06 x 0.03 x 0.02)	0.5 - 0.8	125Vdc	50
		1.0 - 6.0	63Vdc	50
TSM	6.8 x 4.0 x 2.8 (0.27 x 0.16 x 0.11)	1 - 5	63Vdc	50
		1 - 5	125Vac	50

Supplemental micro fuses: pigtail leads




Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
2010	8.4 x 4.1 x 8.4 (0.33 x 0.16 x 0.33)	0.1 - 0.2	250Vac	130
		0.1 - 0.2	300Vac	50
		0.25 - 0.5	250Vac	130
		0.25 - 0.5	300Vac	50
		0.63	250Vac	130
		0.63	300Vac	50
		0.8 - 3.15	250Vac	130
		0.8 - 3.15	300Vac	50
		4.0 - 6.3	250Vac	130
		4.0 - 6.3	300Vac	50
FEP	3.7 x 8.0 (0.15 x 0.31)	0.25 - 2.5	250Vac	50
		3.15 - 6.3	250Vac	50
TBP	3.6 x 9.5 (0.14 x 0.37)	0.25 - 0.63	250Vac	35
		0.25 - 0.63	63Vdc	35
		0.8 - 3.15	250Vac	35
		0.8 - 3.15	63Vdc	35
		4 - 6.3	250Vac	10x Ampere rating
		4 - 6.3	63Vdc	10x Ampere rating
TEP	3.7 x 8.0 (0.15 x 0.31)	0.25 - 0.8	250Vac	35
		1.0 - 3.15	250Vac	35
		4.0 - 5.0	250Vac	10 x Ampere Rating
		6.3	250Vac	10 x Ampere rating

Supplemental micro fuses: pigtail leads, filled-tube

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)

2000	8.3 x 7.8 (0.33 x 0.31)	0.1 - 0.2	250Vac	100
		0.1 - 0.2	300Vac	100
		0.25 - 0.5	250Vac	100
		0.25 - 0.5	300Vac	100
		0.63	250Vac	100
		0.63	300Vac	100
		0.8 - 3.15	250Vac	100
		0.8 - 3.15	300Vac	100
		4.0 - 6.3	250Vac	100
		4.0 - 6.3	300Vac	100



Marking: Company name or tradename "Walter" or trademark  ,  ,  and model designation.
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JDYX8.E56092 Fuses, Supplemental Certified for Canada - Component

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Fuses, Supplemental Certified for Canada - Component

See General Information for Fuses, Supplemental Certified for Canada - Component

WALTER ELECTRONIC CO LTD

E56092

2ND FL
97 CHUNG KING N RD, SEC 4
TAIPEI CITY, TAIWAN

Supplemental fuses

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
MTG	6.35 x 31.75 (0.25 x 1.25)	10 - 20	250Vac	300

Supplemental fuses: pigtail leads, cartridge enclosed

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
FDP	3.6 x 10 (0.14 x 0.39)	0.5 - 1	250Vac	35
		1.25 - 3.15	250Vac	35
		4.0 - 6.3	250Vac	10x Ampere rating
FSD+P	5 x 20 (0.20 x 0.79)	0.2 - 3.15	250Vac	35
		4.0 - 6.3	250Vac	10x Ampere rating
		0.2 - 6.3	125Vdc	35
		0.2 - 0.8	125Vac	10000
		8 - 15	125Vac	10x Ampere rating
		8 - 15	250Vac	10x Ampere rating
		1.0 - 6.3	125Vac	10000
MFP	6.35 x 31.5 (0.25 x 1.24)	0.125 - 10	125Vac	10000
		3.6 - 10	250Vac	200
SFP	5.2 x 20 (0.20 x 0.79)	0.25 - 0.8	125Vac	10000
		0.25 - 0.8	250Vac	35
		1.0 - 3.5	125Vac	10000
		1.0 - 3.5	250Vac	100
		4.0 - 7.0	125Vac	10000

TMD+P	5 x 20 (0.20 x 0.79)	0.1 - 3.5	250Vac	35
		0.1 - 6.3	125Vdc	35
		0.1 - 6.3	125Vac	10000
		3.6 - 6.3	250Vac	10x Ampere rating
		8 - 15	125Vac	10x Ampere rating
		8 - 15	250Vac	10x Ampere rating
TME+P	6.0 x 24 (0.24 x 0.94)	0.1	250Vac	150
		0.125 - 0.315	250Vac	150
		1.0	250Vac	150
		0.4 - 0.8	250Vac	150
		1.25 - 6.3	250Vac	150
		8.0 - 16	250Vac	150
TSD+P	5 x 20 (0.20 x 0.79)	0.1 - 3.5	250Vac	35
		3.6 - 6.3	250Vac	10x Ampere rating
		0.1 - 6.3	125Vac	10000
		0.1 - 6.3	125Vdc	10000

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

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
FSC+P	5 x 20 (0.20 x 0.79)	0.25 - 2.0	125Vac	10000
		0.25 - 2.0	250Vac	1500
		0.25 - 2.0	125Vdc	35
		2.5 - 4.0	125Vac	10000
		2.5 - 4.0	250Vac	1500
		2.5 - 4.0	125Vdc	35
		5.0 - 6.3	125Vac	10000
		5.0 - 6.3	250Vac	1500
		5.0 - 6.3	125Vdc	35
		8	250Vac	1500
		15	250Vac	1500
		10 - 12	250Vac	1500
TSC+P	5 x 20 (0.20 x 0.79)	0.2 - 0.8	250Vac	1500
		1.0 - 6.3	250Vac	1500
		0.2 - 0.8	125Vac	10000
		1.0 - 6.3	125Vac	10000
		0.2 - 0.8	125Vdc	35
		1.0 - 6.3	125Vdc	35

		8 - 10	250Vac	1500
		12 - 15	250Vac	1500
TSS+P	5.6 x 19.5 (0.22 x 0.77)	3.15	125Vac	10000
		4	125Vac	10000
		3.15	250Vac	1500
		4	250Vac	1500
		3.15	125Vdc	35
		4	125Vdc	35

Supplemental fuses: cartridge enclosed

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
FSD	5 x 20 (0.20 x 0.79)	0.2 - 3.15	250Vac	35
		4 - 6.3	250Vac	10x Ampere rating
		0.2 - 6.3	125Vdc	35
		0.2 - 0.8	125Vac	10000
		8 - 15	125Vac	10x Ampere rating
		8 - 15	250Vac	10x Ampere rating
		1.0 - 6.3	125Vac	10000
MGF	6.35 x 31.5 (0.25 x 1.24)	0.125 - 10	125Vac	10000
		3.6 - 10	250Vac	200
MTC	6.35 x 31.75 (0.25 x 1.25)	20	250Vac	1500
		25 - 30	250Vac	500
SGF	5.2 x 20 (0.20 x 0.79)	0.25 - 0.8	125Vac	10000
		0.25 - 0.8	250Vac	35
		1.0 - 3.5	125Vac	10000
		1.0 - 3.5	250Vac	100
		4.0 - 7.0	125Vac	10000
TMD	5 x 20 (0.20 x 0.79)	0.1 - 3.5	250Vac	35
		0.1 - 6.3	125Vdc	35
		0.1 - 6.3	125Vac	10000
		3.6 - 6.3	250Vac	10x Ampere rating
		8 - 15	125Vac	10x Ampere rating
		8 - 15	250Vac	10x Ampere rating
TME	5.2 x 20 (0.20 x 0.79)	0.1	250Vac	150
		0.125 - 0.315	250Vac	150
		1.0	250Vac	150

		0.4 - 0.8	250Vac	150
		1.25 - 6.3	250Vac	150
		8.0 - 16	250Vac	150
TSD	5 x 20 (0.20 x 0.79)	0.1 - 3.5	250Vac	35
		3.6 - 6.3	250Vac	10x Ampere rating
		0.1 - 6.3	125Vac	10000
		0.1 - 6.3	125Vdc	35

Supplemental fuses: filled-tube, cartridge enclosed

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
FSC	5 x 20 (0.20 x 0.79)	0.25 - 2.0	125Vac	10000
		0.25 - 2.0	250Vac	1500
		0.25 - 2.0	125Vdc	35
		2.5 - 4.0	125Vac	10000
		2.5 - 4.0	250Vac	1500
		2.5 - 4.0	125Vdc	35
		5.0 - 6.3	125Vac	10000
		5.0 - 6.3	250Vac	1500
		5.0 - 6.3	125Vdc	35
		8	250Vac	1500
		15	250Vac	1500
		10 - 12	250Vac	1500
TSC	5 x 20 (0.20 x 0.79)	0.2 - 0.8	250Vac	1500
		1.0 - 6.3	250Vac	1500
		0.2 - 0.8	125Vac	10000
		1.0 - 6.3	125Vac	10000
		0.2 - 0.8	125Vdc	35
		1.0 - 6.3	125Vdc	35
		8 - 10	250Vac	1500
		12 - 15	250Vac	1500

Supplemental micro fuses

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
F92, 1206T	3.2 x 1.6 (0.13 x 0.06)	0.8	63Vdc	50
		1.0	63Vdc	50
		1.25 - 1.75	63Vdc	50
		2.0 - 6.0	63Vdc	50

		6.3 - 10	63Vdc	50
F93, 1206F	3.2 x 1.6 x 0.6 (0.13 x 0.06 x 0.02)	0.5 - 0.8	125Vdc	50
		1.0 - 10	63Vdc	50
J93, 0603F	1.6 x 0.8 x 0.6 (0.06 x 0.03 x 0.02)	0.5 - 0.8	125Vdc	50
		1.0 - 6.0	63Vdc	50
TSM	6.8 x 4.0 x 2.8 (0.27 x 0.16 x 0.11)	1 - 5	63Vdc	50
		1 - 5	125Vac	50

Supplemental micro fuses: pigtail leads

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
2010	8.4 x 4.1 x 8.4 (0.33 x 0.16 x 0.33)	0.1 - 0.2	250Vac	130
		0.1 - 0.2	300Vac	50
		0.25 - 0.5	250Vac	130
		0.25 - 0.5	300Vac	50
		0.63	250Vac	130
		0.63	300Vac	50
		0.8 - 3.15	250Vac	130
		0.8 - 3.15	300Vac	50
		4.0 - 6.3	250Vac	130
		4.0 - 6.3	300Vac	50
FEP	3.7 x 8.0 (0.15 x 0.31)	0.25 - 2.5	250Vac	50
		3.15 - 6.3	250Vac	50
TBP	3.6 x 9.5 (0.14 x 0.37)	0.25 - 0.63	250Vac	35
		0.25 - 0.63	63Vdc	35
		0.8 - 3.15	250Vac	35
		0.8 - 3.15	63Vdc	35
		4 - 6.3	250Vac	10x Ampere rating
		4 - 6.3	63Vdc	10x Ampere rating
TEP	3.7 x 8.0 (0.15 x 0.31)	0.25 - 0.8	250Vac	35
		1.0 - 3.15	250Vac	35
		4.0 - 5.0	250Vac	10 x Ampere Rating
		6.3	250Vac	10 x Ampere rating

Supplemental micro fuses: pigtail leads, filled-tube

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)

2000	8.3 x 7.8 (0.33 x 0.31)	0.1 - 0.2	250Vac	100
		0.1 - 0.2	300Vac	100
		0.25 - 0.5	250Vac	100
		0.25 - 0.5	300Vac	100
		0.63	250Vac	100
		0.63	300Vac	100
		0.8 - 3.15	250Vac	100
		0.8 - 3.15	300Vac	100
		4.0 - 6.3	250Vac	100
		4.0 - 6.3	300Vac	100



Marking: Company name or tradename "Walter" or trademark , , , model designation and Recognized



Component Mark for Canada,
Last Updated on 2013-05-15

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Zertifikat

mit überwachter Konformität

Certificate

of surveyed conformity



Zertifikat Nr. Certificate No.
J 50208681

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0001

Ihr Zeichen Client Reference

Unser Zeichen Our Reference
05-YW- 16027024 001

Ausstellungsdatum
17.08.2011

Date of Issue
(day/mo/yr)

Genehmigungsinhaber License Holder

Walter Electronic Co., Ltd.
2nd FL. 97 Chung King N RD., Sec. 4
Taipei
Taiwan

Fertigungsstätte Manufacturing Plant

Dongguan Walter Electric Co., Ltd.
Yantian Village, Fenggang Town
Dongguan, Guangdong 523702
P.R. China

Prüfzeichen Test Mark

Geprüft nach Tested acc. to
EN 60127-1:2006/10.06
EN 60127-3:1996+A2



Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

(Sub-miniature Fuse-links)

Type Designation : TEP 8
Rated Voltage : AC 250V; 50Hz
Rated Current (In) : 250mA; 315mA; 400mA; 500mA; 630mA;
800mA; 1A; 1,25A; 1,6A; 2A; 2,5A;
3,15A; 4A; 5A; 6,3A
Time/Current Characteristic: T
Rated Breaking Capacity : 35A or 10xIn(which is higher)

Remark : The labelling requirements acc. to EU Directive 2001/95 have to be observed for distribution within the EEA. The installation has to be carried out according to installation instruction accompanying the products.

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ANLAGE (Appendix): 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety

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Zertifikat
mit überwachter Konformität

Certificate
of surveyed conformity



Zertifikat Nr. *Certificate No.*
J 50208681

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0002

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*
05-YW- 16027024 001

Ausstellungsdatum
17.08.2011

Date of Issue
(day/mo/yr)

Genehmigungsinhaber *License Holder*

Walter Electronic Co., Ltd.
2nd FL. 97 Chung King N RD., Sec. 4
Taipei
Taiwan

Fertigungsstätte *Manufacturing Plant*

Suzhou Walter Electronic Co., Ltd.
Fenhu Technic Development Zone, Luxu
Wujiang City, Jiangsu
P.R. China

Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*
EN 60127-1:2006/10.06
EN 60127-3:1996+A2



Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

(Sub-miniature Fuse-links)

as page 0001

Addition

Factory : see above

Remark : The labelling requirements acc. to EU Directive 2001/95 have to be observed for distribution within the EEA. The installation has to be carried out according to installation instruction accompanying the products.



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety

Bo Xia



产品认证证书

证书编号: CQC13012092405

申请人名称及地址

华德电子股份有限公司
士林区重庆北路4段97号2楼

制造商名称及地址

华德电子股份有限公司
士林区重庆北路4段97号2楼

生产企业名称及地址

东莞华德电器有限公司 (V008243)
东莞市凤岗镇雁田村

产品名称和系列、规格、型号

超小型熔断体

TEP T250mA250V, TEP T1.6A250V, TEP T315mA250V, TEP T2A250V, TEP T400mA250V, TEP T2.5A250V, TEP T500mA250V, TEP T3.15A250V, TEP T630mA250V, TEP T4A250V, TEP T800mA250V, TEP T5A250V, TEP T1A250V, TEP T6.3A250V, TEP T1.25A250V

产品标准和技术要求

GB9364.1-1997; GB9364.3-1997; CQC11-462125-2009附件2

认证模式

产品型式试验+初次工厂检查+获证后监督

上述产品符合CQC11-462125-2009认证规则的要求, 特发此证。

发证日期: 2013年05月15日

有效期至: 2017年05月15日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

主任: _____



中国质量认证中心

中国·北京·南四环西路188号9区100070

<http://www.cqc.com.cn>

C 0045287



PRODUCT CERTIFICATE

No.: CQC13012092405

NAME AND ADDRESS OF THE APPLICANT

Walter Electronic Co., Ltd
2nd Floor, 97 Chung King North Road Section 4, Taipei City, Taiwan

NAME AND ADDRESS OF THE MANUFACTURER

Walter Electronic Co., Ltd
2nd Floor, 97 Chung King North Road Section 4, Taipei City, Taiwan

NAME AND ADDRESS OF THE FACTORY

Dongguan Walter Electric Co., Ltd (V008243)
Yantian Village, Fenggang Town, Dongguan, Guangdong

NAME, MODEL AND SPECIFICATION

Sub-miniature fuse-links

TEP T250mA250V、TEP T1.6A250V、TEP T315mA250V、TEP T2A250V、TEP T400mA250V、TEP T2.5A250V、TEP T500mA250V、TEP T3.15A250V、TEP T630mA250V、TEP T4A250V、TEP T800mA250V、TEP T5A250V、TEP T1A250V、TEP T6.3A250V、TEP T1.25A250V

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

GB9364.1-1997;GB9364.3-1997;CQC11-462125-2009附件2

CERTIFICATION MODEL

Type Testing of Product + Initial Factory Inspection + Follow up Factory Inspection

This is to certify that the above mentioned products have met the requirements of certification rules CQC11-462125-2009.

Date of issue: May.15,2013

Date of expiry: May.15,2017

Validity of this certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

President:


Wang Kejiao



CHINA QUALITY CERTIFICATION CENTRE

Section 9, No.188, Nansihuan Xilu, Beijing 100070 P.R.China

<http://www.cqc.com.cn>

C 0045287

单击下面可查看定价，库存，交付和生命周期等信息

[>>Walter\(华德\)](#)