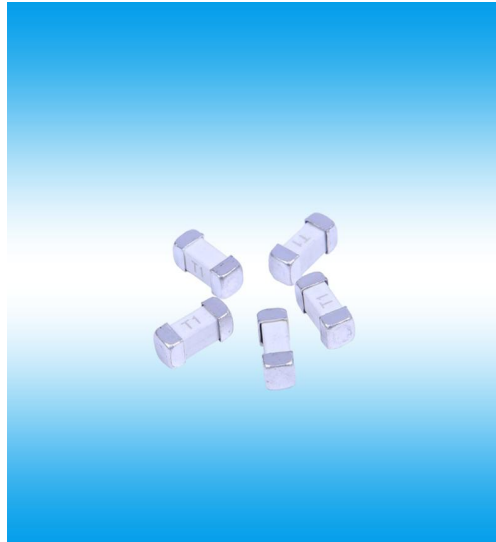


**Type 1040FF/Fast Acting Brick Chipfuse**

1040FF系列/快断方型保险丝



**Description**

- Fast acting surface-mount fuse  
快断表面贴装保险丝
- Designed to IEC60127-4, universal modular fuse-links(UMF)  
专为IEC60127-4设计, 通用模块熔断器(UMF)
- Solder immersion compatible  
浸焊兼容

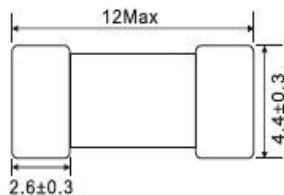
**Features 产品特征**

- Fast acting  
快断
- RoHS compliant  
符合RoHS要求

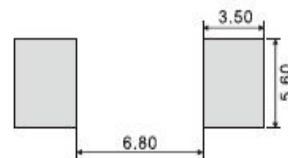
**Applications 产品应用**

- Power supply  
电源供应器
- Lighting system  
照明系统
- White goods  
白色家电
- Industrial equipment  
工业设备

**Dimensions(Unit:mm)尺寸(单位: mm)**



**Recommended Pad Layout(mm)**



**Electrical Characteristics 熔断特性**

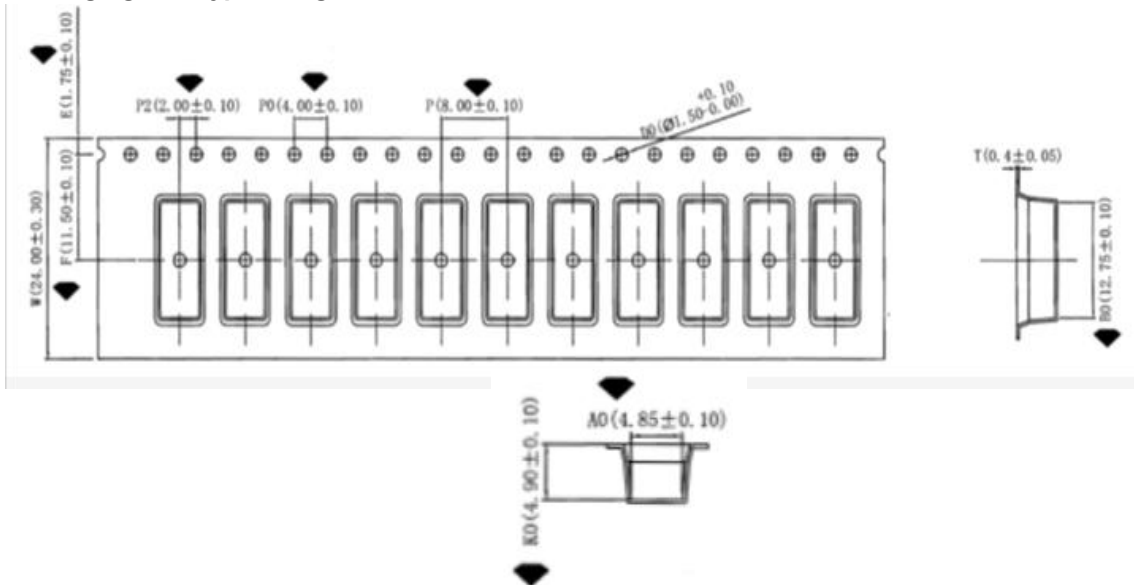
Electrical Characteristics 熔断特性		
Ampere Rating	% of Amp Rating	Opening Time
500mA-6.3A	125%	1Hours Minimum
	200%	120 Seconds Maximum
	1000%	0.001-0.01 Seconds

**Type 1040FF/Fast Acting Brick Chipfuse**

**Electrical Specifications** 电气特性

Catalog Number	Ampere Rated In	Marking	Voltage Rating(V) Interrupting Rating (A)	Norminal Resistance Cold(Ohm)	Norminal Melting I <sup>2</sup> T(A <sup>2</sup> sec)
1040FF500mA	500mA	F0.5	150A@125V/250VAC 150A@125VDC 800A@80V/72V/ 63V/32VDC	0.2900	0.03
1040FF630mA	630mA	F0.63		0.2000	0.08
1040FF800mA	800mA	F0.8		0.1500	0.13
1040FF1A	1A	F1.5		0.1000	0.30
1040FF1.25A	1.25A	F1.25		0.0700	0.63
1040FF1.6A	1.6A	F1.6		0.0570	1.02
1040FF2A	2A	F2		0.0400	2.00
1040FF2.5A	2.5A	F2.5		0.0500	1.88
1040FF3.15A	3.15A	F3.15		0.0300	3.97
1040FF4A	4A	F4		0.0250	6.40
1040FF5A	5A	F5		0.0170	12.50
1040FF6.3A	6.3A	F6.3		0.0140	19.80

**Packaging and Type Designation** 包装和型号名称



**Formation of Type Designation** 类型命名的形成

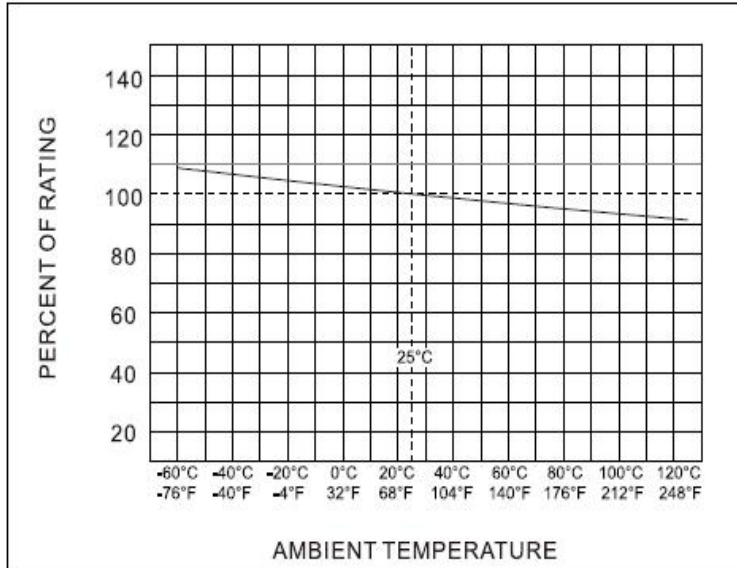
- |        |    |      |
|--------|----|------|
| 1040FF | 1A | 250V |
| ↓      | ↓  | ↓    |
| ①      | ②  | ③    |
- ① Series Number 系列名称: 1040FF  
② Ampere rating 额定电流: 1A  
③ Voltage Rating 额定电压: 250V

**Packaging** 包装

On Tape: 1040FF-1000pcs Per Reel, 6000pcs Outer Box

**Type 1040FF/Fast Acting Brick Chipfuse**

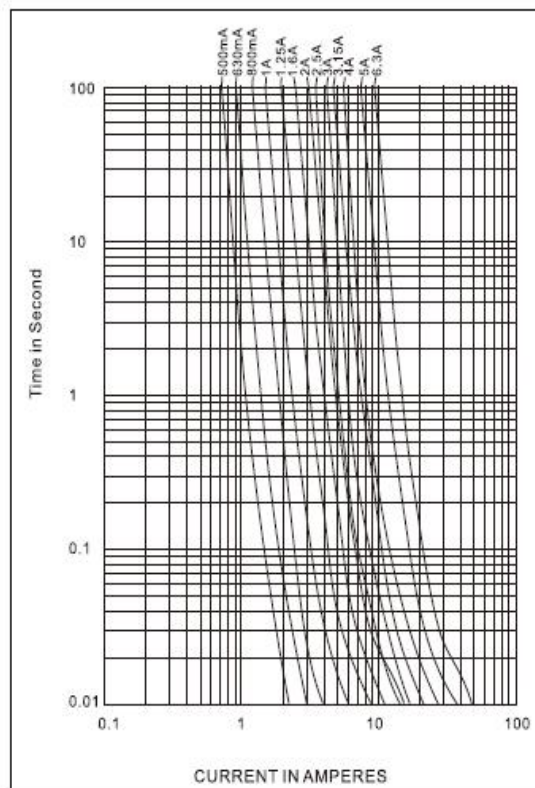
**Temperature Rerating Curve 额定温度曲线**



**Note:**

Derating depicted in this curve is in addition to the standard derating of 25% for continuous operation.

**Time-Current Characteristics 熔断时间特性表**



**Type 1040FF/Fast Acting Brick Chipfuse**

**Soldering Parameters 焊接参数**

Reflow Condition 回流条件		Pb-Free assembly 无铅制程
Heat Pre	Temperature Min ( $T_s$ )	150°C
	Temperature Max ( $T_s$ )	200°C
	Time (Min to Max) ( $t_s$ )	60-120secs
Average ramp up rate (Liquidus) Temp ( $T_L$ ) to peak		3°C/second max
$T_s$ (max) to $T_L$ -Ramp-up Rate		3°C/second max
Reflow	-Temperature ( $T_L$ ) (Liquidus)	217°C
	Time (Min to Max) ( $t_L$ )	60-90 seconds
Peak Temperature ( $T_p$ )		260 <sup>-0/-5</sup> °C
Time within 5°C of actual peak Temperature ( $t_p$ )		20-40 seconds
Ramp-down Rate		5°C/second max
Time 25°C to peak Temperature ( $T_p$ )		8 minutes max.
Do not exceed		260°C

