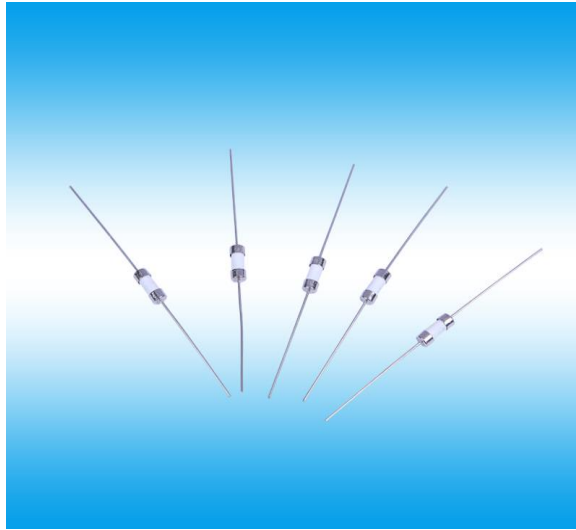


Type 3TS/Slow-Blow Axial Lead Fuse

3TS系列/慢断轴向引线熔断器



Description

- The 3TS Series is an axial lead fuse,designed for overcurrent protection in electronic appliance charger applications.

3TS系列是一种轴向引线熔断器，用于电子设备充电器应用中的过流保护。

Features产品特征

- Meets the requirements of IEC60127-3 Sheet 4 符合IEC60127-3 Sheet 4的要求。
- Single Pigtail Axial Lead format 单帽轴向引线格式
- Slow-Blow,ceramic body fuse in a compact package 慢断，小型陶瓷熔断体
- Pb-free,RoHS compliant 通过无铅认证
- Available in ratings of 1A to 8Amperes 额定电流1A到8A

Applications产品应用

- Smartphone 智能手机
- Power Supplies for consumer electronics 消费类电子产品的电源
- Tablet wall-mount chargers 平板电脑壁挂型充电器

Electrical Characteristics熔断特性

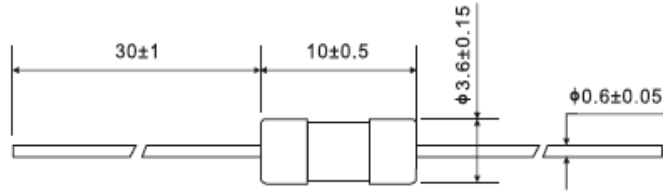
Electrical Characteristics熔断特性		
Ampere Rating	% of Amp Rating	Opening Time
1A-6.3A	150%	1 Hours Minimum
	210%	120 Seconds Maximum
	275%	400ms-10 Seconds
	400%	150ms-3 Seconds
	1000%	20ms -150ms
8A	150%	1 Hours Minimum
	300%	400ms-10 Seconds
	1000%	20ms-150ms

Type 3TS/Slow-Blow Axial Lead Fuse

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 ² T(A ² sec)
3TS1A	1A	T1AL250V	35A@125VAC 50A/100A/150A/200A @250VAC	0.0550	2.2
3TS2A	2A	T2AL250V		0.0265	12
3TS2.5A	2.5A	T2.5AL250V		0.0195	18.5
3TS3.15A	3.15A	T3.15AL250V		0.0147	37.8
3TS4A	4A	T4AL250V		0.0106	58
3TS5A	5A	T5AL250V		0.0073	57.5
3TS6.3A	6.3A	T6.3AL250V		0.0071	123
3TS8A	8A	T8AL250V		0.0040	200

Dimensions(mm)



6.3A-8A Wire Diameter :0.8mm

Formation of Type Designation 类型命名的形成

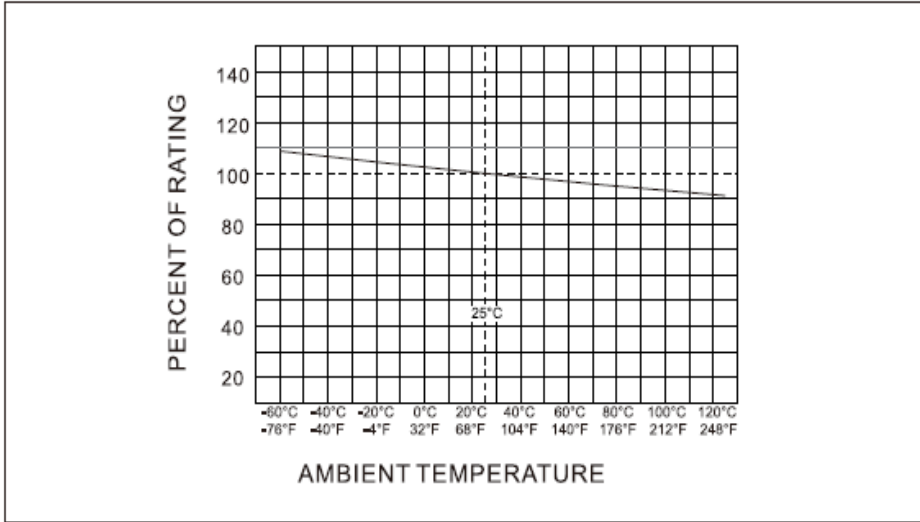


Packaging 包装

On Tape:3TS-1500pcs in box,15000pcs Outer Box

Type 3TS/Slow-Blow Axial Lead Fuse

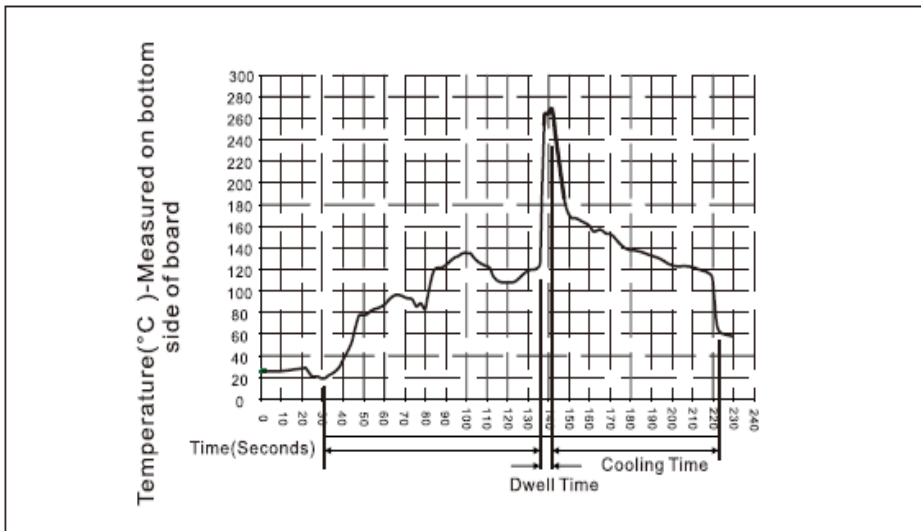
Temperature Derating Curve 额定温度曲线



Note:

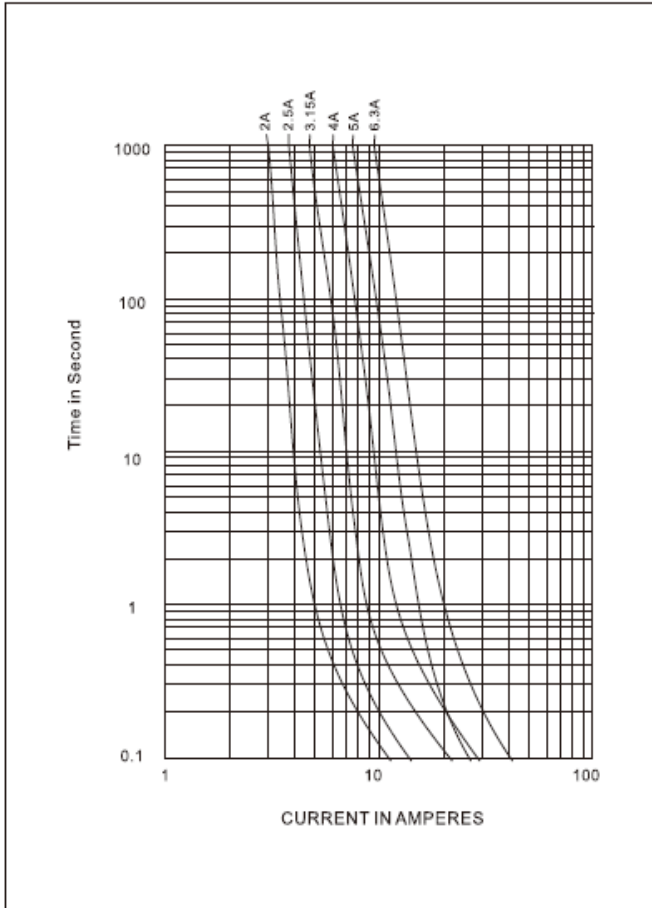
Derating depicted in this curve is in addition to the standard derating of 25% for continuous operation.

Soldering Parameters-Wave Soldering 焊接参数



Type 3TS/Slow-Blow Axial Lead Fuse

Time-Current Characteristics 熔断时间特性表



Operation Temperature 工作温度

→ -40°C to 125°C

Physical Specification Materials 规格材料

- Ceramic Body
- Lead Wire: Tin plated Copper,
Diameter 0.60 mm/0.8mm
- Nickel Plated Brass Caps

Recommended Process Parameters 工艺参数

Wave Parameter	Lead-Free Recommendation
Preheat: (Depends on Flux Activation Temperature)	(Typical Industry Recommendation)
Temperature Minimum:	100°C
Temperature Maximum:	150°C
Preheat Time:	60-180seconds
Solder Pot Temperature:	260°C Maximum
Solder Dwell Time:	2-5 seconds

→ Recommended Hand-Solder Parameters:

- Solder Iron Temperature: 350°C +/- 5°C
- Heating Time: 5 seconds max.

-Note: These devices are not recommended for IR or Convection Reflow process