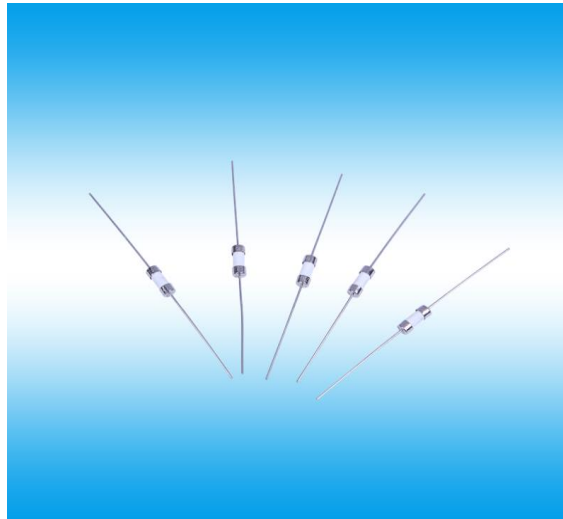


Type 5TS/Slow-Blow Axial Lead Fuse

5TS系列/慢断轴向熔断器



Description

- This space saving fuse is ideally suited for lighting, power supply, and adapter applications

适合照明、电源和适配器

Features 产品特征

- Meets the requirements of IEC60127-2 Sheet 3
符合IEC60127-2 Sheet 3的要求。
 - Single Pigtail Axial Lead format
单帽轴向引线
 - Slow-Blow, ceramic body fuse in a compact package
慢断，小型陶瓷熔断体
- High breaking capacity
高分断能力
Available in ratings of 1A to 10Amperes
额定电流1A到10A
Pb-free, RoHS compliant
无铅，符合RoHS

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-10A	150%	1 Hours Minimum
1A-10A	210%	1800s Maximum
1A-10A	275%	750ms-80s
1A-3.15A	400%	95ms-5s
4A-10A	400%	150ms -5s
1A-10A	1000%	10ms -150ms

Safety Agency:

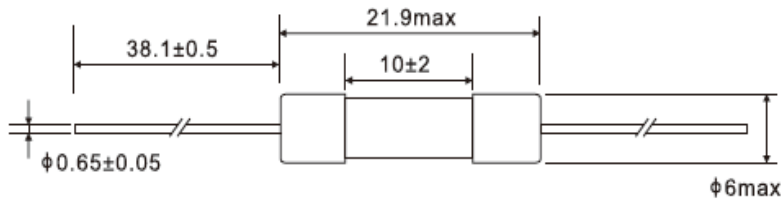


Type 5TS/Slow-Blow Axial Lead Fuse

Electrical Specifications 电气特性

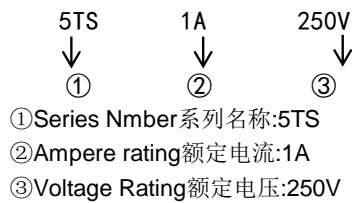
Catalog Number	Ampere Rated In	Marking	Voltage Rating(V) Interrupting Rating (A)	Norminal Resistance Cold(Ohm)	Norminal Melting I ² T(A ² sec)
5TS1A	1A	T1AH250V	10000A@125VAC 1500A@250VAC 200A@250VAC 300A@400VAC 200A@500VAC	0.1401	1.28
5TS1.25A	1.25A	T1.25AH250V		0.1075	2.22
5TS1.6A	1.6A	T1.6AH250V		0.0700	6.78
5TS2A	2A	T2AH250V		0.0545	9.60
5TS2.5A	2.5A	T2.5AH250V		0.0395	16.60
5TS3.15A	3.15A	T3.15AH250V		0.0305	36.60
5TS4A	4A	T4AH250V		0.0178	38.45
5TS5A	5A	T5AH250V		0.0131	71.30
5TS6.3A	6.3A	T6.3AH250V		0.0095	111
5TS8A	8A	T8AH250V		0.0073	228
5TS10A	10A	T10AH250V		0.0054	397

Dimensions(mm)



6.3A-10A Wire Diameter :0.8mm

Formation of Type Designation 类型命名的形成

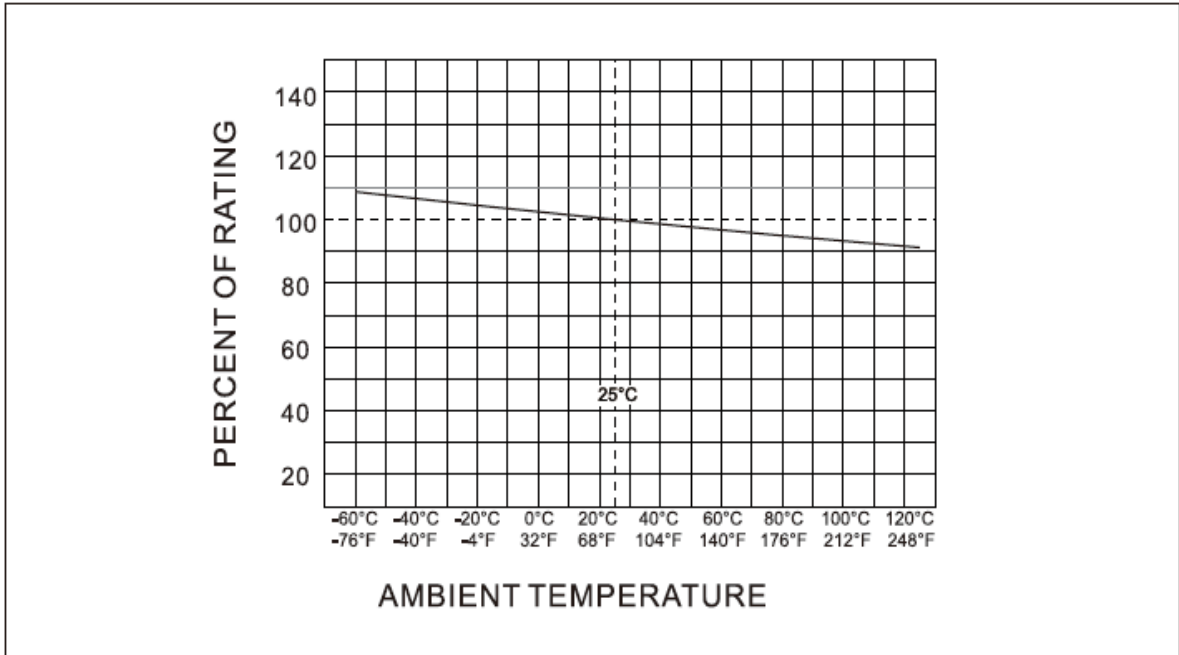


Packaging 包装

On Tape:5TS-1500pcs in box,6000pcs Outer Box

Type 5TS/Slow-Blow Axial Lead Fuse

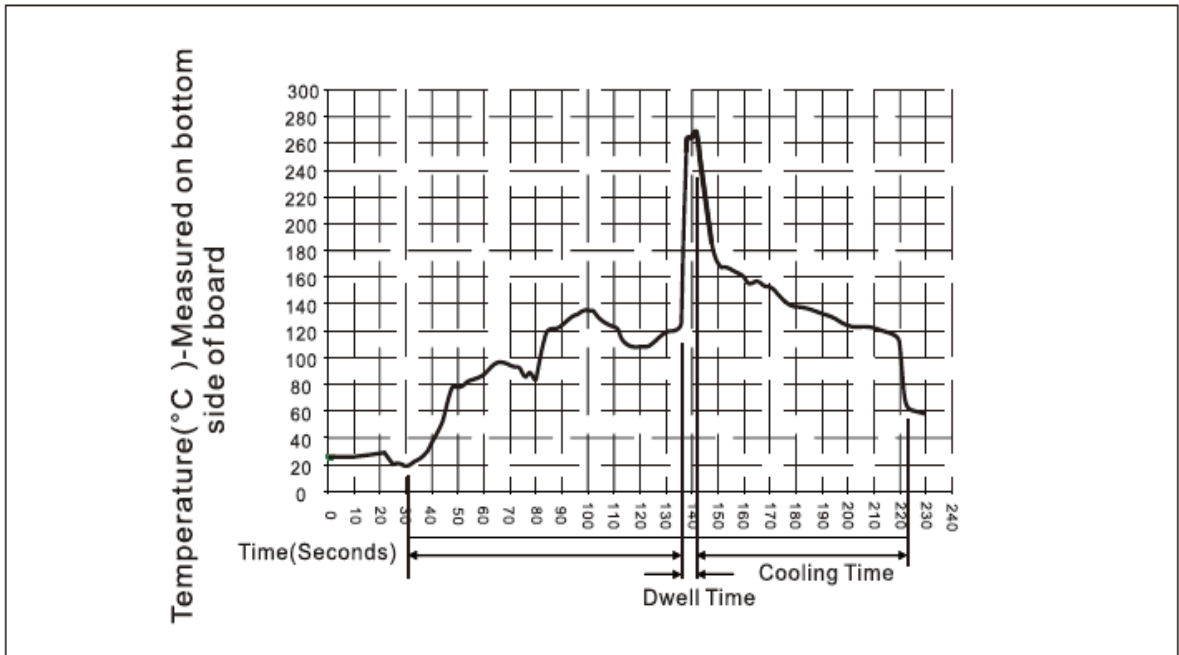
Temperature Rerating Curve 额定温度曲线



Note:

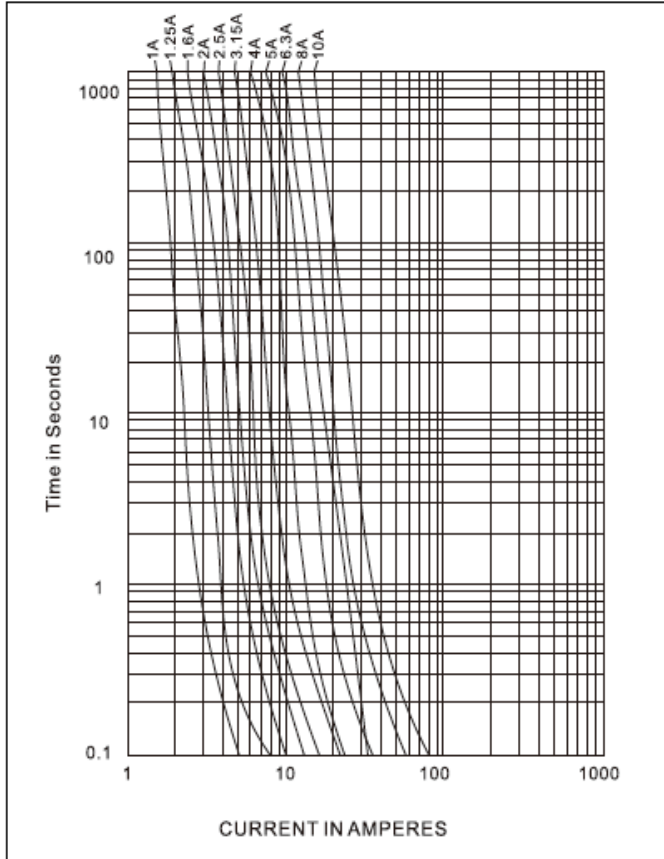
Derating depicted in this curve is in addition to the standard derating of 25% for continuous operation.

Soldering Parameters-Wave Soldering 焊接参数



Type 5TS/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 0.65 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