

Axial Lead & Cartridge Fuse 3.6X10mm>Slo-Blo>3TS Series

Description

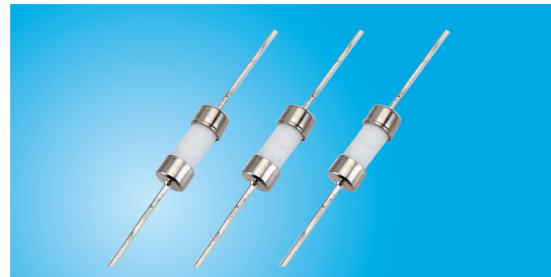
- Single pigtail Axial Lead 3.6X10mm>Slo-Blo Fuse

Features

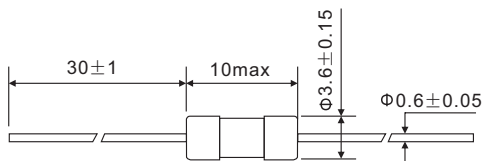
- Designed to meet IEC 60127-3 Standard Sheet 4
- Single Pigtail Axial Lead format
- Slo-Blo, ceramic body fuse in a compact package
- Pb-free, ROHS compliant
- Available in ratings of 2 to 6.3 Amperes

Applications

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



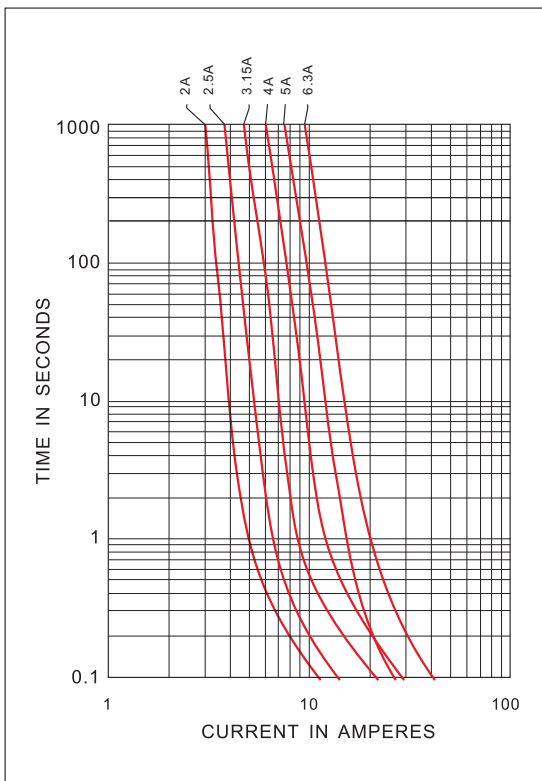
Dimensions(mm)



Electrical Characteristics

| Testing Current | Blow Time | |
|-----------------|-----------|---------|
| | Minimum | Maximum |
| 150% | 1 hrs | N/A |
| 210% | N/A | 120 sec |
| 275% | 400 ms | 10 sec |
| 400% | 150 ms | 3 sec |
| 1000% | 20 ms | 150 ms |

Time-Current Characteristics



Electrical Specifications

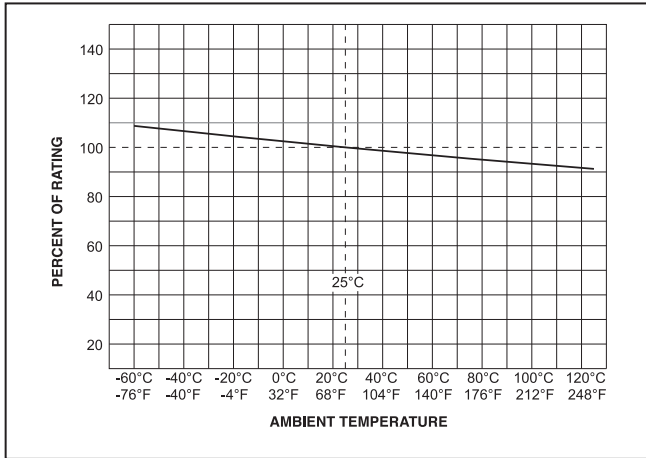
| Catalog Number 料號 | Ampere Rated In 額定電流 | Voltage Rating (VAC) 額定電壓 | Normal Resistance Cold(Ohm) 標準冷阻值 | Normal Melting I ² T(A ² sec) 標準熔斷值 |
|----------------------|-------------------------|------------------------------|--------------------------------------|--|
| 3TS2 | 2A | 250V | 0.0265 | 12.0 |
| 3TS2.5 | 2.5A | | 0.0195 | 18.5 |
| 3TS3.15 | 3.15A | | 0.0147 | 37.8 |
| 3TS4 | 4A | | 0.0106 | 58.0 |
| 3TS5 | 5A | | 0.0073 | 57.5 |
| 3TS6.3 | 6.3A | | 0.0071 | 123 |

Approvals

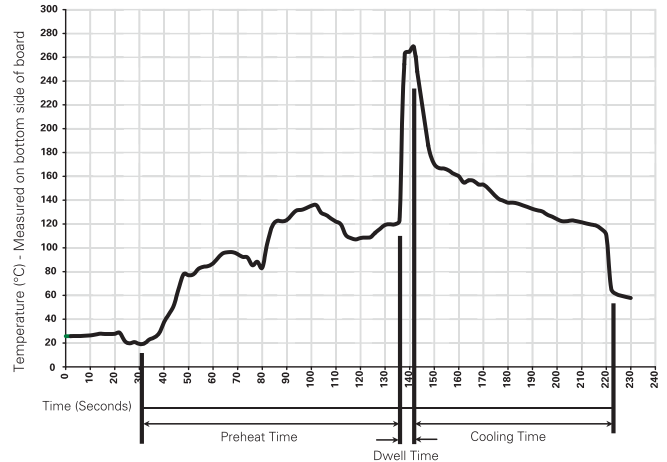
| | |
|---------------|------------------------------|
| Safety Agency | Amp range/Volt @ I.R.ability |
| | 2A-6.3A/250V AC@200A |

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Temperature Derating Curve



Soldering Parameters-Wave Soldering



Recommended Process Parameters

| Wave Parameter | Lead-Free Recommendation |
|--|-----------------------------------|
| Preheat: (Depends on Flux Activation Temperature) | (Typical Industry Recommendation) |
| Temperature Minimum: | 100°C |
| Temperature Maximum: | 150°C |
| Preheat Time: | 60-180 seconds |
| 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.

Operation Temperature

-40°C to 125°C

Physical Specification Materials

Ceramic Body

Nickel Plated Brass Caps

Lead Wire: Tin plated Copper, Diameter 2A-4A 0.6mm/5A-6.3A 0.8mm

Packaging

On Tape: 3TS-1500pcs in box

3TS-15000pcs outer box