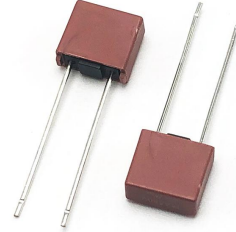


## Time-Lag Radial Lead Micro Fuse

### SCMTSxxxxA 250V Time-Delay Series

#### Product Characteristics

- ◆ Lead Pull Strength: 10N.
- ◆ Lead Thrust Strength: 2N.
- ◆ Solder ability:  
Wave : 260°C, ≤ 3s; Soldering Iron: 350±10°C, ≤ 1s.
- ◆ Soldering Heat Resistance:  
Wave : 260°C, 10s; Soldering Iron: 350°C, 3s.



#### Applications

This product is suitable for various kinds of electronic devices' circuit over current protection. Widely used in industrial of Battery Charges, Consumer Electronics, Power supplies, Industrial Controllers, etc.

#### Electrical Characteristics

- ◆ Test Condition: All the test environment temperature of 25±5°C during the test the indoor temperature must not exceed 5°C.
- ◆ Rated breaking capacity is 100A@250V, tested with A.C. And after this test, there shall be not damaged or shattered of the square thermoplastic cap.
- ◆ Rising Temperature Test: Power after 15min in 150% of rated current conditions, the current per 15min 10%, until the fuse blows, the fuse various parts of the temperature does not exceed 135°C.
- ◆ Operating Characteristics:

% of Ampere Rating(In)	Blowing Time
150%* In	60 min Minimum
210%* In	2 min Max
275%* In	400 ms~10 s
400%* In	150 ms~3 s
1000%* In	20 ms~150 ms

## Time-Lag Radial Lead Micro Fuse

### SCMTSxxxxA 250V Time-Delay Series

#### Electrical Characteristics

Part Number	Ampere Rating	Voltage Rating (V)	Breaking Capacity	Max Voltage Drop (mV)
SCMTS0200A	200mA	250	100A@250VAC	260
SCMTS0250A	250mA	250		240
SCMTS0315A	315mA	250		220
SCMTS0400A	400mA	250		200
SCMTS0500A	500mA	250		190
SCMTS0630A	630mA	250		180
SCMTS0800A	800mA	250		160
SCMTS1100A	1A	250		140
SCMTS1125A	1.25A	250		130
SCMTS1160A	1.6A	250		120
SCMTS1200A	2A	250		100
SCMTS1250A	2.5A	250		100
SCMTS1315A	3.15A	250		100
SCMTS1400A	4A	250		100
SCMTS1500A	5A	250		100
SCMTS1630A	6.3A	250		100
SCMTS1700A	7.0A	250		100
SCMTS1800A	8.0A	250		100
SCMTS2100A	10A	250		100
SCMTS2200A	20A	250		100

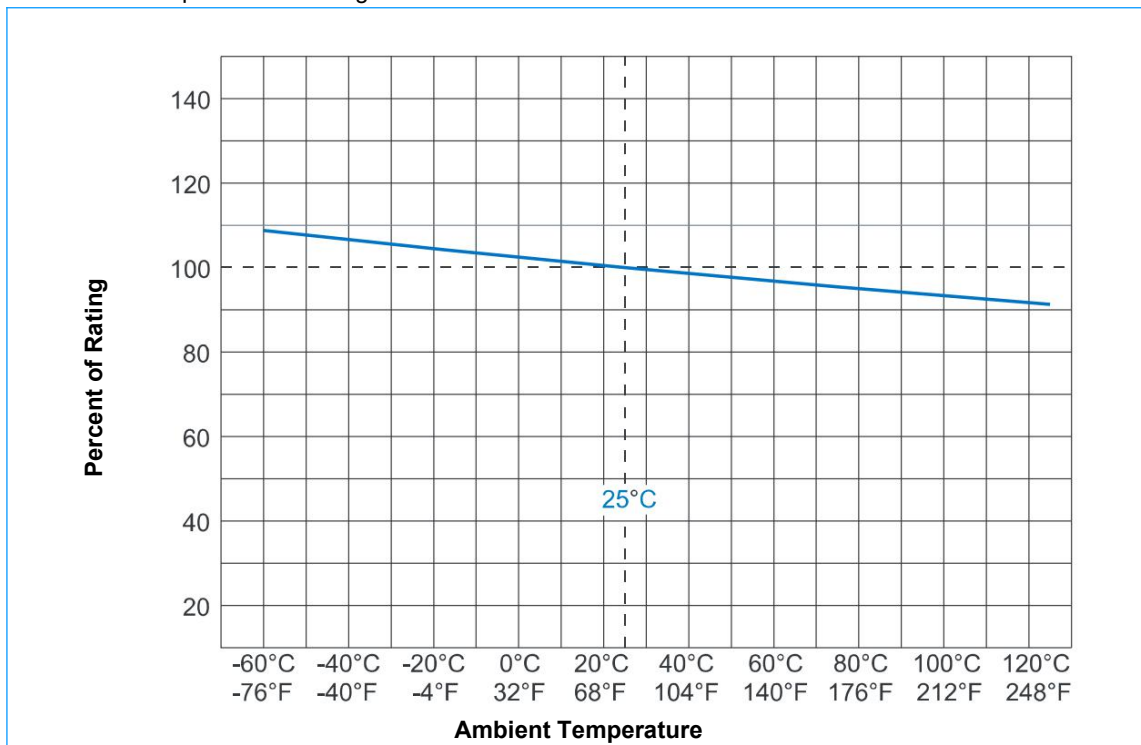
## Time-Lag Radial Lead Micro Fuse

### SCMTSxxxxA 250V Time-Delay Series

#### Environmental Characteristics

- ◆ Operating Temperature:  $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$ .
- ◆ Stock Condition: Humidity: Relative humidity  $\leq 75\%$ , store 3 years average.
- ◆ When choosing the fuse's specification, if the operating environmental temperature beyond the scope from  $20 \sim 30^{\circ}\text{C}$ , engineer should consider the environmental temperature's affection to fuses.

Please refer: Temperature Derating Curve:



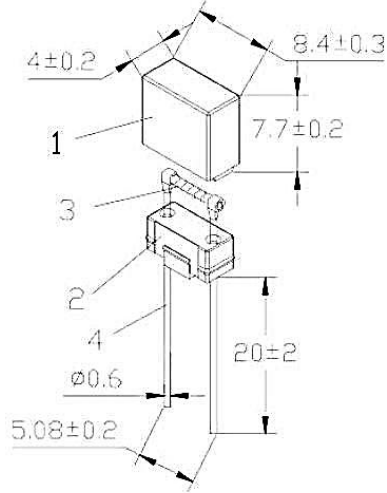
#### Recommended Soldering Parameters

- ◆ Wave Parameters: Solder Pot Temperature:  $260^{\circ}\text{C}$  Max; Solder Dwell Time: 10s Max.
- ◆ Hand-Solder Parameters: Solder Iron Temperature:  $300^{\circ}\text{C}$ ; Heating Time: 3s Max.

## Time-Lag Radial Lead Micro Fuse

### SCMTSxxxxA 250V Time-Delay Series

#### Structure and Size (Unit:mm)



#### Packing Quantity

Packing Type	Description
Bulk	500 pcs per bag