

## Surface Mount Fuse Fast Acting

PRODUCT: 1206SFF Family

DOCUMENT: SCD27594  
REV LETTER: B  
REV DATE: MAY 10, 2011  
PAGE NO.: 1 OF 3

### Specification Status: Released

#### Max Electrical Rating at 25°C

Max Voltage: 0.5A-2A 63V<sub>DC</sub>, 2.5A-5A 32V<sub>DC</sub>,  
6A-8A 24V<sub>DC</sub>

Max Interrupt Current at Rated Voltage:

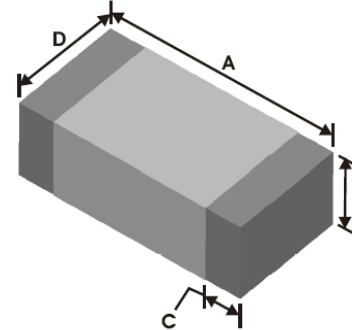
50A for 0.5A-3A

45A for 4A-8A

Termination Material: Silver, Nickel, Tin

Fuse Element: Silver

Body Material: Glass Ceramic



#### Clear Time Characteristics

| % of current rating | Clear time at 25°C |
|---------------------|--------------------|
| 100%                | 4 hours min.       |
| 250%                | 5 seconds max.     |
| 400%                | 0.05 seconds max.  |

#### Dimensions

|     | A     |       | B     |       | C     |       | D     |       |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|
|     | MIN   | MAX   | MIN   | MAX   | MIN   | MAX   | MIN   | MAX   |
| mm: | 3.00  | 3.40  | 0.90  | 1.30  | 0.26  | 0.76  | 1.40  | 1.80  |
| in: | 0.118 | 0.134 | 0.035 | 0.051 | 0.010 | 0.030 | 0.055 | 0.071 |

| Part Number    | Current Rating (A) | Voltage Rating (VDC) | Nominal Cold DCR (Ω)* |
|----------------|--------------------|----------------------|-----------------------|
| 1206SFF050F/63 | 0.5                | 63                   | 0.730                 |
| 1206SFF075F/63 | 0.75               | 63                   | 0.513                 |
| 1206SFF100F/63 | 1.0                | 63                   | 0.220                 |
| 1206SFF150F/63 | 1.5                | 63                   | 0.120                 |
| 1206SFF175F/63 | 1.75               | 63                   | 0.100                 |
| 1206SFF200F/63 | 2.0                | 63                   | 0.050                 |
| 1206SFF250F/32 | 2.5                | 32                   | 0.035                 |
| 1206SFF300F/32 | 3.0                | 32                   | 0.031                 |
| 1206SFF400F/32 | 4.0                | 32                   | 0.022                 |
| 1206SFF500F/32 | 5.0                | 32                   | 0.015                 |
| 1206SFF600F/24 | 6.0                | 24                   | 0.013                 |
| 1206SFF700F/24 | 7.0                | 24                   | 0.011                 |
| 1206SFF800F/24 | 8.0                | 24                   | 0.008                 |

\* Measured at 10% of rated current and 25°C

Agency Recognition: UL E197536  
Precedence: This specification takes precedence over documents referenced herein.  
Effectivity: Reference documents shall be the issue in effect on the date of invitation for bid.

#### Materials Information

ROHS Compliant

ELV Compliant

Halogen Free\*

Directive 2002/95/EC  
Compliant

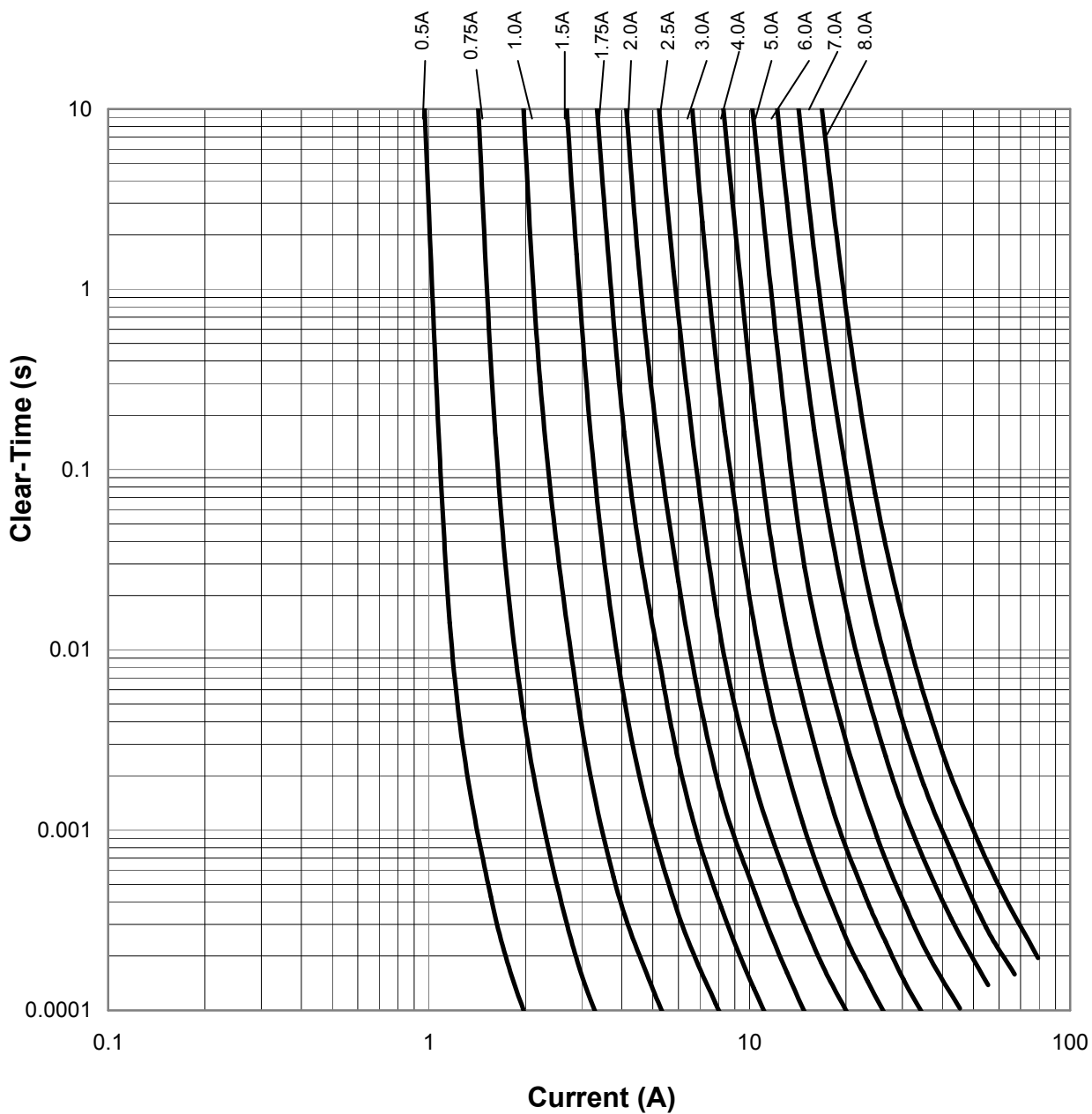
Directive 2000/53/EC  
Compliant



\* Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm

## Surface Mount Fuse Fast Acting

### Average Clear-Time Curves



## Surface Mount Fuse Fast Acting

PRODUCT: 1206SFF Family

DOCUMENT: SCD27594  
REV LETTER: B  
REV DATE: MAY 10, 2011  
PAGE NO.: 3 OF 3

### Nominal $I^2t$ vs $t$ Curves

