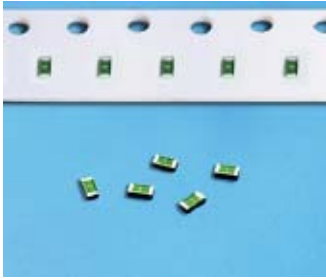


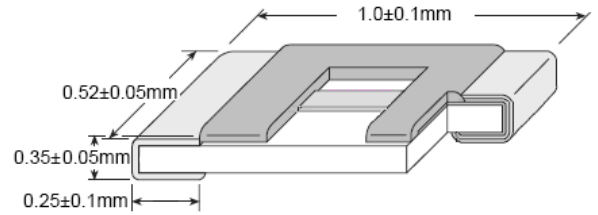
Chip Fuses



Description

- Fast acting for excessive current
- Compatible with reflow and wave solder
- Rugged ceramic and glass construction
- Excellent environmental performance
- RoHS Compliant ,Lead Free material

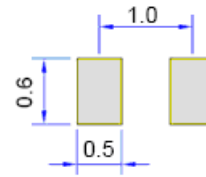
Dimensions



Electrical Characteristics

| Ampere Rating | % of Amp Rating | Opening Time |
|---------------|-----------------|-------------------|
| 200mA-4A | 100% | 4 Hours Minimum |
| 200mA-4A | 250% | 5 Seconds Maximum |

Land Pattern (mm)



Application

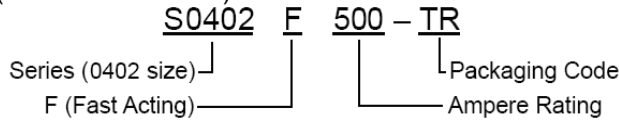
- Telecommunication: Cell Phones / PDA / DSL
- Computers: LCD Panel / Printers/ Laptop/ Servers
- Consumer Electronics: DVD player / MP3 MP4 Player

Soldering Method

- Reflow soldering: 260°C, 5sec max.

Ordering

- Specify Packaging and product code (i.e. S0402F500-TR)



Note: TR: 10,000 pieces of fuses on 8mm tape-and-reel on a 7 inch (178mm) reel per EIA Standard 481

Environmental Data

- Life Test: 30°C ±2°C ,75% rated current, 1000 hours,
- Humidity Bias: MIL-STD-202 , Method 103
- Thermal Shock: MIL-STD-202, Method 107G
- Board Flex:AEC-Q200-005 Appendix 2 Note: 1mm (Min)
- Vibration: MIL-STD-202, Method 204D
- Solderability: MIL-STD-202 Method 208H
- Resistance to Solder Heat: MIL-STD-202,Method 210A

| Electrical Specifications | | | | | |
|---------------------------|----------------|-------------------|-------------------------|--------------------------|---|
| Product Code | Current Rating | Voltage Rating DC | Interrupting Rating* DC | Resistance (ohms)** Typ. | Typical Melt I ² t *** DC (A ² s) |
| S0402F200 | 200mA | 24V | 35A | 4.300 | 0.0008 |
| S0402F250 | 250mA | 24V | 35A | 3.200 | 0.0011 |
| S0402F375 | 375mA | 24V | 35A | 1.140 | 0.0021 |
| S0402F500 | 500mA | 24V | 35A | 1.200 | 0.0043 |
| S0402F750 | 750mA | 24V | 35A | 0.520 | 0.0110 |
| S0402F1 | 1A | 24V | 35A | 0.090 | 0.049 |
| S0402F1.25 | 1.25A | 24V | 35A | 0.075 | 0.052 |
| S0402F1.5 | 1.5A | 24V | 35A | 0.058 | 0.076 |
| S0402F1.75 | 1.75A | 24V | 35A | 0.045 | 0.13 |
| S0402F2 | 2A | 24V | 35A | 0.035 | 0.18 |
| S0402F2.5 | 2.5A | 24V | 35A | 0.025 | 0.23 |
| S0402F3 | 3A | 24V | 35A | 0.019 | 0.33 |
| S0402F3.5 | 3.5A | 24V | 35A | 0.018 | 0.45 |
| S0402F4 | 4A | 24V | 35A | 0.014 | 0.65 |

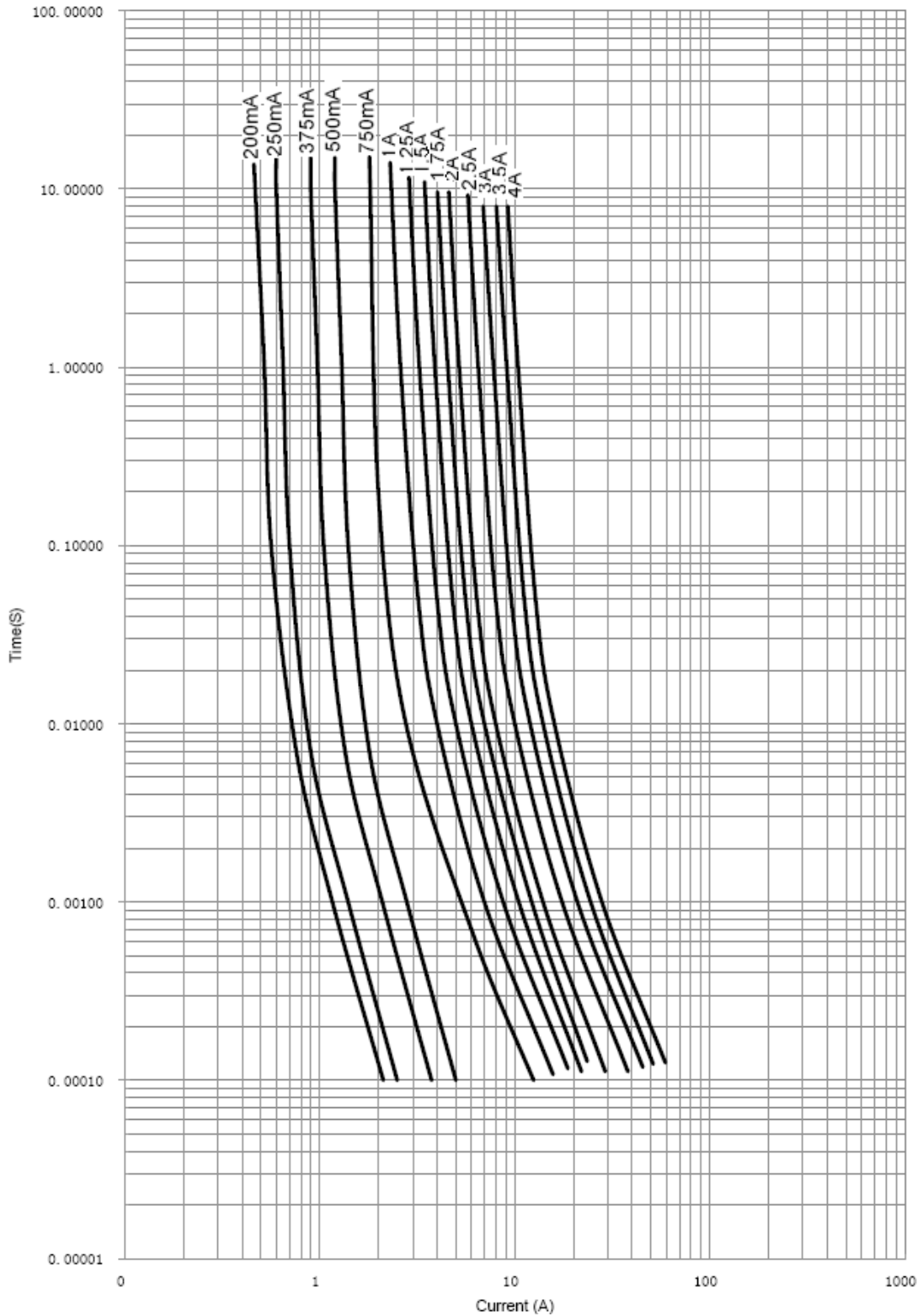
*DC interrupting rating (Measured at rated voltage, time constant of less than 50 microseconds, battery source)

**DC Cold Resistance (Measured at 10% of rated current)

*** Typical Melting I²t (Measured with a battery bank at rated DC voltage, Measured at 1ms open time)

Device designed to carry rated current for four hours minimum. An operating current of 75% or less of rated current is recommended, with further derating required at elevated ambient temperatures.

Time Current Curve



Contact information:

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TEL: 086-769-83218762, 22498696, 23067981, 22387758

WEBSITE: <http://www.sellifuse.com>