

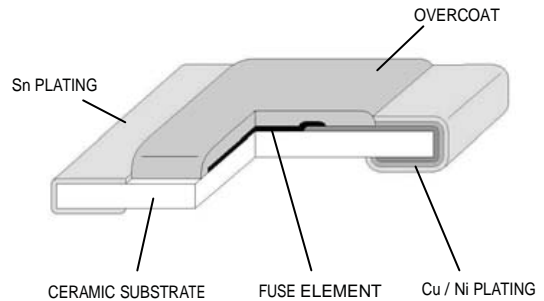
## Description

- High inrush current withstanding capability
- Compatible with reflow and wave solder
- Rugged ceramic and glass construction
- Excellent environmental performance
- RoHS Compliant ,Lead Free & Halogen Free material

## Applications

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

## S1206H Series



Chip Fuse

## Environmental Data

- Life Test: MIL-STD-202, Method 108D
- Humidity Bias: MIL-STD-202 , Method 103
- Moisture Resistance Test: MIL-STD-202, Method 106G
- Thermal Shock: MIL-STD-202, Method 107G
- Terminal Strength: AEC-Q200-006
- Board Flex: AEC-Q200-005 Appendix 2 Note: 1mm (Min)
- Vibration: MIL-STD-202, Method 204C
- Mechanical Shock:MIL-STD-202,Method 213C
- Solderability: ANSI/J-STD-202
- Resistance to Solder Heat: MIL-STD-202,Method 210B

## Electrical Characteristics

Ampere Rating	% of Amp Rating	Opening Time
1A-7A	100%	4 Hours Minimum
1A-7A	200%	1~60 Senconds
1A-7A	1000%	0.0002~0.02Seconds

Electrical Specifications						
Product Code	Current Rating	Voltage Rating DC	Interrupting Rating*	Resistance (ohms)** Typ.	Typical Melt I <sup>2</sup> t *** (A <sup>2</sup> s)	Alpha Code Marking
S1206H1	1A	63V	50A	0.41	0.10	H
S1206H1.25	1.25A	63V	50A	0.25	0.22	J
S1206H1.5	1.5A	63V	50A	0.2	0.26	K

<b>S1206H2</b>	2A	63V	50A	0.13	0.67	N
<b>S1206H2.5</b>	2.5A	32V	50A	0.081	0.97	O
<b>S1206H3</b>	3A	32V	50A	0.052	1.20	P
<b>S1206H3.5</b>	3.5A	32V	50A	0.04	1.64	R
<b>S1206H4</b>	4A	32V	50A	0.03	2.43	S
<b>S1206H4.5</b>	4.5A	32V	50A	0.025	3.50	X
<b>S1206H5</b>	5A	32V	50A	0.02	5.45	T
<b>S1206H5.5</b>	5.5A	24V	60A	0.016	6.20	▲
<b>S1206H6</b>	6A	24V	60A	0.013	8.10	Y
<b>S1206H7</b>	7A	24V	60A	0.012	9.88	U

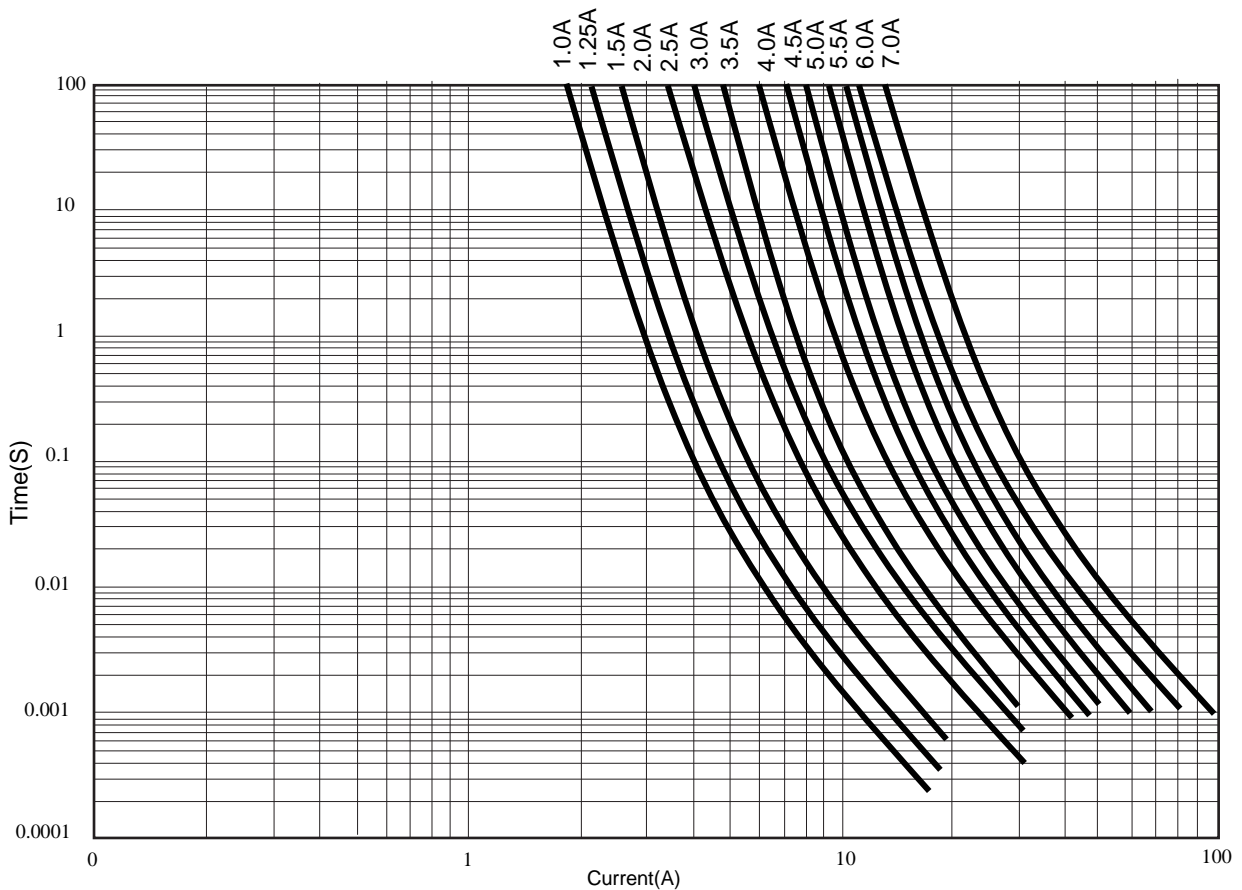
Chip Fuse

\*; 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)

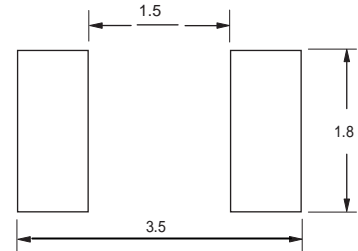
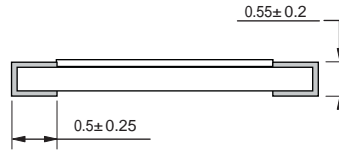
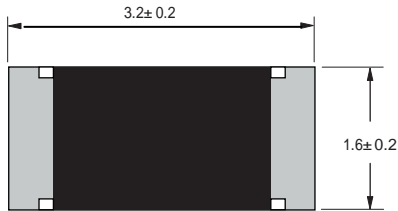
\*\*\* Typical Melting I2t (Measured with a battery bank at rated DC voltage and at 0.001 second clear time, time constant of calibrated circuit less than 50 microseconds) Device designed to carry rated current for four hours minimum. An operating current of 75% or less of rated current is recommended, with further derating required at elevated ambient temperatures.

### Typical Performance Curves



## Product Dimension

DIMENSIONS:mm



## Part Number System



Note: TR: 3,000 pieces of fuses on 8mm tape-and-reel on a 7 inch (178mm) reel per EIA Standard 481

## Revision history

Date	Revision	Description of changes
31-July-2011	A	First issue

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