

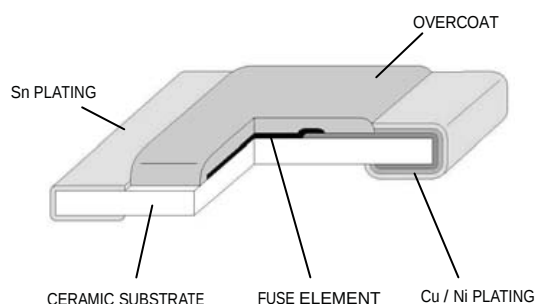
Description

- 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^2t *** (A ² 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

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

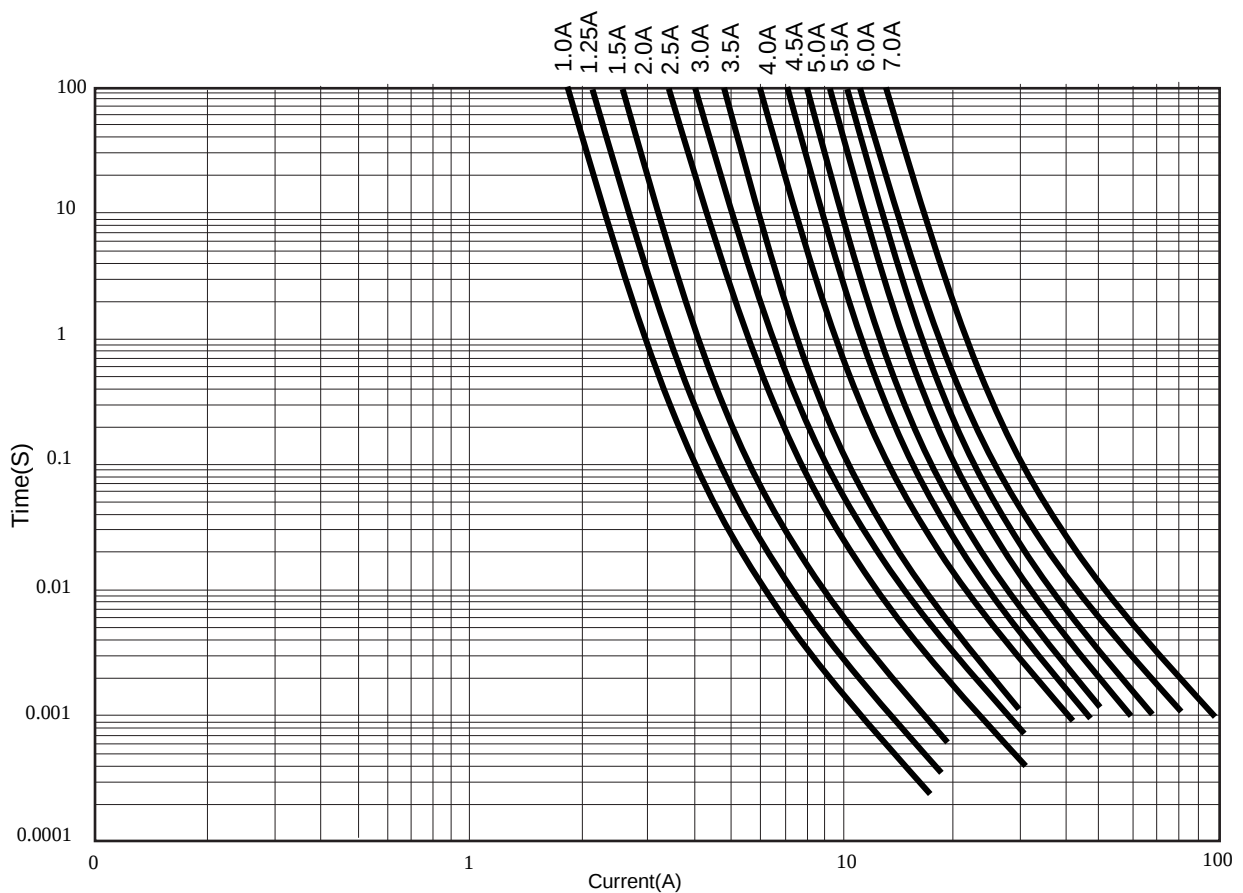
*; DC interrupting rating (Measured at rated voltage, time constant of less than 50 microseconds, battery source)

**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.

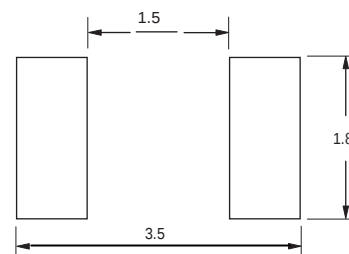
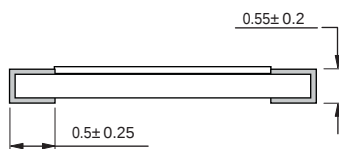
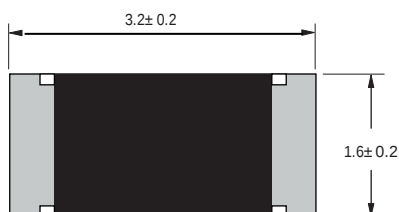
Chip Fuse

Typical Performance Curves



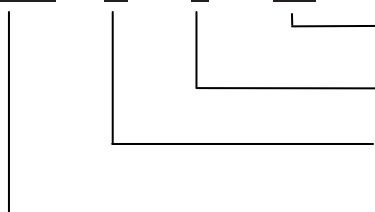
Product Dimension

DIMENSIONS:mm



Part Number System

S1206 **H** **2** **TR**



Packing Code

Ampere Rating

H (High Inrush)

Series(1206 size)

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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