S0603H Series, High Inrush

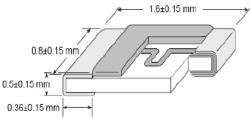
Chip Fuses



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

Dimensions



Electrical Characteristics

Ampere Rating	% of Amp Rating Opening Time	
1A-5A	100%	4 Hours Minimum
1A-5A	200%	1∼60 Seconds
1A-5A	1000%	0.0002~0.02 Seconds

Land Pattern (mm)



Soldering Method

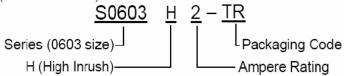
 Wave soldering: 260°C, 10sec max. Reflow soldering: 260°C, 30sec max.

Application

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

Ordering

 Specify Packaging and product code (i.e. S0603H2-TR)



Note: TR: 5,000 pieces of fuses on 8mm tape-and-reel on a 7 inch (178mm) reel per EIA Standard 481

Environmental Data

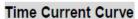
- Life Test: MIL-STD-202, Method 108A
- Humidity Bias: MIL-STD-202, Method 103
- Moisture Resistance Test: MIL-STD-202, Method
- Thermal Shock: MIL-STD-202, Method 107G
- Terminal Strength Test:AEC-Q200-005 Appendix 2 Note: 1mm (Min)
- Vibration: MIL-STD-202, Method 204D
- MechanicalShock:MIL-STD-202,Method 213B
- Solderability: ANSI/J-STD-002
- Resistance to Solder Heat: MIL-STD-202, Method
- Resistance to Solvents Test: MIL-STD-202, Method 215A

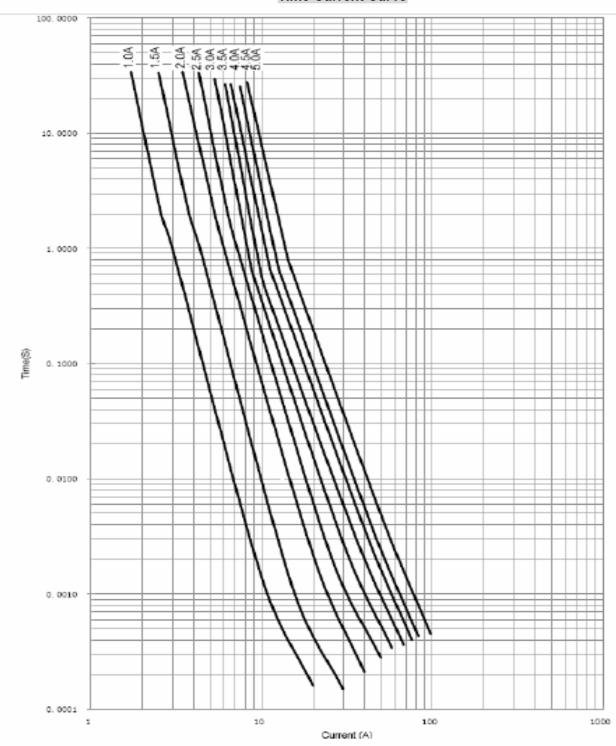
Electrical Specifications							
Product Code	Current Rating	Voltage Rating DC	Interrupting Rating*	Resistance (ohms)** Typ.	Typical Melt I ² t *** DC (A ² s)	Alpha Code Marking	
S0603H1	1A	32V	35A	0.24	0.09	Н	
S0603H1.5	1.5A	32V	35A	0.12	0.18	K	
S0603H2	2A	32V	35A	0.068	0.29	N	
S0603H2.5	2.5A	32V	35A	0.048	0.59	0	
S0603H3	3A	32V	35A	0.034	0.83	Р	
S0603H3.5	3.5A	32V	35A	0.023	1.23	R	
S0603H4	4A	32V	35A	0.02	2.22	S	
S0603H4.5	4.5A	32V	35A	0.016	2.70	X	
S0603H5	5A	32V	35A	0.013	3.20	Т	

^{*} 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 clearing time, time constant of calirated circuit less than 50 microseconds) **** Typical 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 Fuses





Contact Information Suzhou Good-ark Electronics

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