



SMD One Time Fuse
Overcurrent Protectors

DOC.NO. ISS-06 110 X

INDIVIDUAL SPECIFICATION SHEET

Product Name: SMD One Time Slow blow Fuse

Part Number: 06 110 Series

Revision: C



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Bourns SF-0603SP200-2 Cross 1608 Metric SMD SingIFuse Slow Blow Surface Mount Fuse 2A
32VDC For Overcurrent Protection

Rev.	Effective Date	Changed Contents
C	2015-2-3	Revise Cover

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Description

06 110 Series are slow fuses set the industry standard for performance, reliability and quality. The solder-free design provides excellent on-off and temperature cycling characteristics during use and also makes our SMD fuses more heat and shock tolerant than typical subminiature fuses.



Features

- High inrush current withstanding capability
- Compatible with reflow and wave solder
- Ceramic and glass construction
- Excellent environmental integrity
- One time positive disconnect
- Lead Free and Halogen free material

Specifications

Clear Time Electrical Characteristics			
Rated Current	1.0In	2.0In	2.5In
1A~8A	4 hour minimum	1~60 sec	5 sec maximum

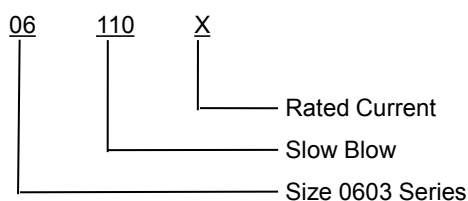
Part No.	Rated Voltage DC	Rated Current (A)	Breaking Capacity (A) ¹	Typical Cold Resistance (mOhms) ²	Typical Voltage Drop (mV)	Typical Pre-Arching I ² t (A ² Sec) ³	Alpha Mark
06 110 1	32V	1	50A	257.5	295	0.018	B/H
06 110 1.5		1.5	50A	137.5	220	0.065	H
06 110 2		2	50A	72	160	0.115	K
06 110 2.5		2.5	50A	52	145	0.14	L
06 110 3		3	50A	35	130	0.21	O
06 110 3.5		3.5	50A	23.8	130	0.55	R
06 110 4		4	50A	21	120	0.52	S
06 110 5		5	50A	14	110	1.70	T
06 110 6		6	50A	8	110	2.30	V
06 110 7		7	50A	5.6	90	3.0	X
06 110 8	8	50A	3.5	80	5.2	Z	

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

* DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25degrees

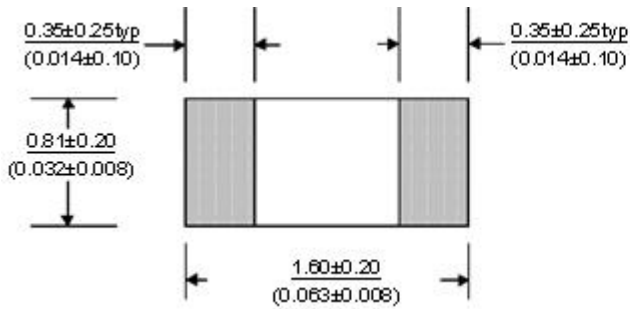
* Typical Pre-arching I²t are measured at 10In Current

*Part No. Description

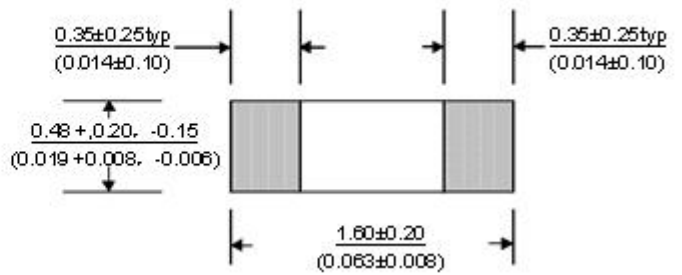


Dimension (Unit: mm/inch)

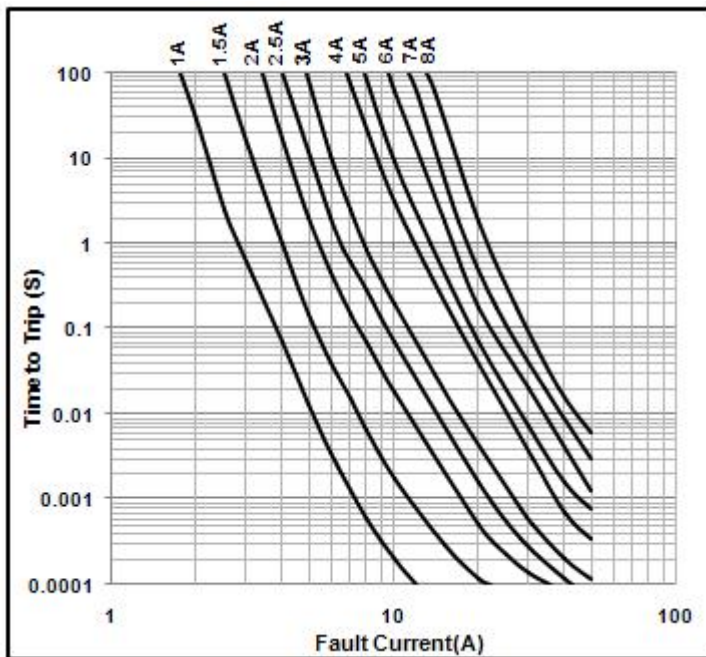
Top view



Side view



Clear Time Curve



Environmental Characteristics

Storage Conditions+40 °C Max. 70% RH Max. Packed in original packaging.

Agency Approvals

- Agency Approvals: UL E467707、CSA
- Regulation/Standard: RoHS, Reach

Package information

Model	Q'ty/Reel
06 110 X	5000 pcs

Note: Reel packaging per EIA-481-1 standard