

## 0603 Time Delay SMD Fuses

### 06.100 Series



#### Description

06.100 Series are the 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.



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

#### 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

Specification							
Part No.	Rated Voltage DC	Rated Current (A)	Breaking Capacity (A) <sup>1</sup>	Typical Cold Resistance (mOhms) <sup>2</sup>	Typical Voltage Drop (mV)	Typical Pre-Arcing I <sup>2</sup> t (A <sup>2</sup> Sec) <sup>3</sup>	Alpha Mark
06.100.1	32V	1	50A	300	345	0.011	B
06.100.1.5		1.5	50A	150	270	0.045	H
06.100.2		2	50A	72	160	0.115	K
06.100.2.5		2.5	50A	52	145	0.14	L
06.100.3		3	50A	35	130	0.21	O
06.100.3.5		3.5	50A	23.8	130	0.55	R
06.100.4		4	50A	21	120	0.52	S
06.100.5		5	50A	14	110	1.70	T
06.100.6		6	50A	8	110	2.30	V**
06.100.7		7	50A	6.2	90	3.0	X**
06.100.8		8	50A	4.1	80	4.5	Z**

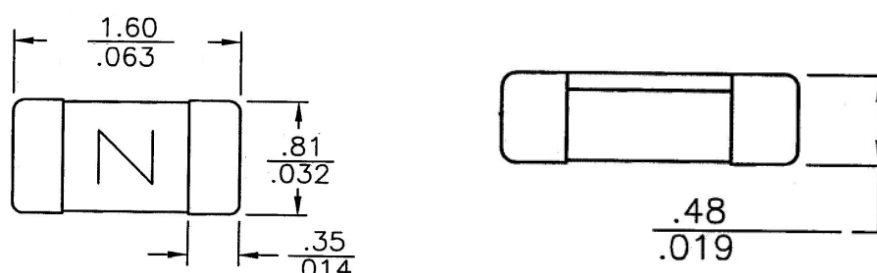
\* DC Interrupting Rating (Measured at rated voltage, time constant of less than 50 microseconds, battery source)

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

\* Typical Pre-arching I<sup>2</sup>t are measured at 10In Current

\*\*Different with other ratings, The color of glass cover of 6A, 7A and 8A is BLUE color

#### Dimension Drawing not to scale (Unit: mm/inch)



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