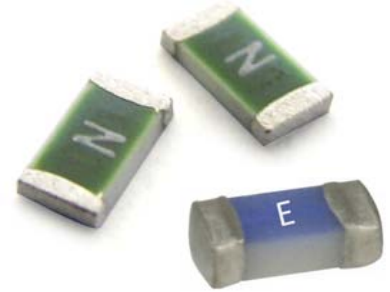


# 0603 Fast Acting SMD Fuses



## Description

B3Ss 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
250mA~8A	4 hour minimum	60 sec maximum

## Features

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

## Specifications

Specification								
Part No.	Rated Voltage		Rated Current (A)	Breaking Capacity (A) 1	Typical Cold Resistance (mOhms) 2	Typical Voltage Drop (mV)	Typical Pre-Arcing I <sup>2</sup> t (A <sup>2</sup> Sec) 3	Alpha Mark
	DC							
B3Ss250	63V	32V	0.250	50A	3250	893	0.00042	D
B3Ss375			0.375	50A	1310	587	0.00093	E
B3Ss500			0.500	50A	1070	582	0.0020	F
B3Ss750			0.750	50A	470	427	0.0092	G
B3SsA01.00			1	50A	300	295	0.011	B
B3SsA01.50			1.5	50A	150	220	0.045	H
B3SsA02.00			2	50A	72	160	0.115	K
B3SsA02.50			2.5	50A	52	145	0.14	L
B3SsA03.00			3	50A	35	130	0.21	O
B3SsA03.50			3.5	50A	23.8	130	0.55	R
B3SsA04.00			4	50A	21	120	0.52	S
B3SsA05.00			5	50A	14	110	1.20	T
B3SsA06.00			6	50A	8	110	1.70	V
B3SsA07.00			7	50A	5.6	80	2.30	X
B3SsA08.00			8	50A	3.5	75	3.00	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

\*\* For fuse 1A-5A, the color of glass coating is Green; For others, its Blue.

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

