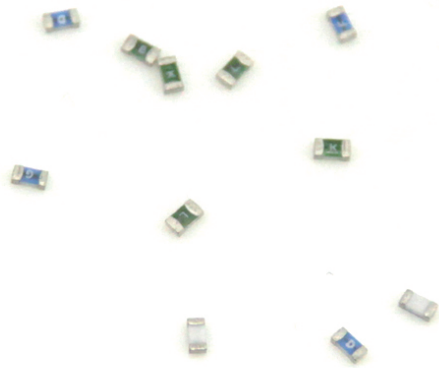


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PRODUCT DATASHEET

Surface Mount Fuses


JFC0603FS Series Fuse



Description

JFC0603FS 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.

Agency Approvals

AGENCY	AGENCY FILE NUMBER
	E486200

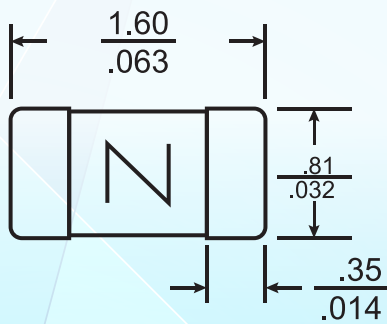
Features

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

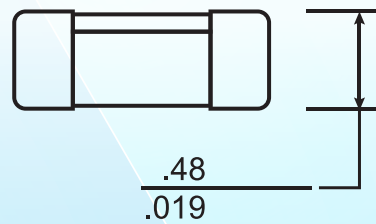
Electrical Characteristics

Rated Current	1.0In	2.0In
250mA~8A	4 hour min.	60 sec maximum

Dimensions



Topview



Sideview

Performance Specification

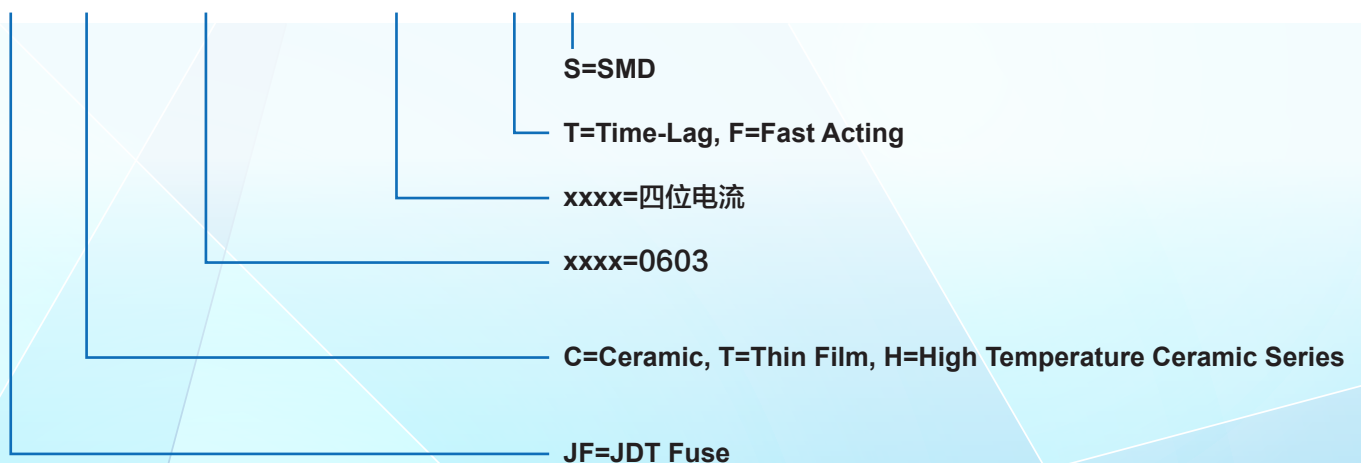
Part No.	Rated Voltage DC	Rated Current (A)	Breaking Capacity ¹	Typical Cold Resistance (mOhms) ²	Typical Voltage Drop (mV)	Typical Pre-Arcing I ² t (A ² Sec) ³	Alpha Marking
JFC0603-0250FS	32V	0.250	50A	3250	893	0.00042	D
JFC0603-0375FS		0.375		1310	587	0.00093	E
JFC0603-0500FS		0.500		1070	582	0.0010	F
JFC0603-0750FS		0.750		470	427	0.0090	G
JFC0603-1100FS		1		300	345	0.011	B
JFC0603-1125FS		1.25		204	315	0.013	J
JFC0603-1150FS		1.5		150	270	0.045	H
JFC0603-1200FS		2		72	160	0.115	K
JFC0603-1250FS		2.5		52	145	0.14	L
JFC0603-1300FS		3		35	130	0.21	O
JFC0603-1350FS		3.5		23.8	130	0.50	R
JFC0603-1400FS		4		21	120	0.56	S
JFC0603-1500FS		5		14	110	1.2	T
JFC0603-1600FS		6		8.5	110	1.7	V
JFC0603-1700FS		7		7.3	80	2.3	X
JFC0603-1800FS		8		5.1	75	3.0	Z

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

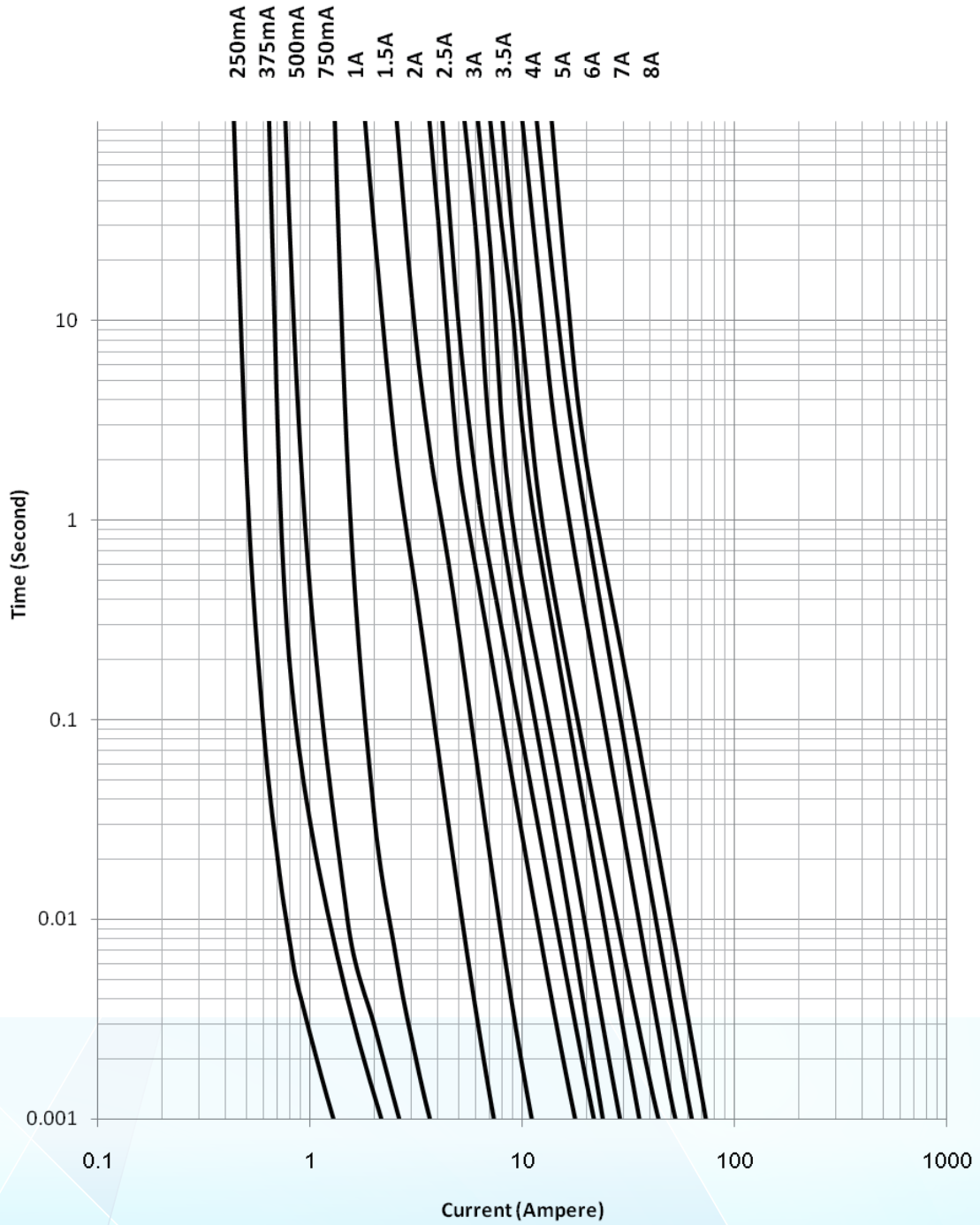
* DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25degrees

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

** For 1A-5A, the color of glass coating is Green; for others, it's Blue.

Part Numbering System
JF C 0603 - xxxx F S


Time Current Curve



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[SGB401](#) [SGB075](#) [MTS2200A](#) [0154002.DRL](#) [0154008.DRL](#) [0154.500DRL](#) [189140.1,25](#) [189140.0,8](#) [189140.0,4](#) [189140.0,63](#) [189140.0,25](#)
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