

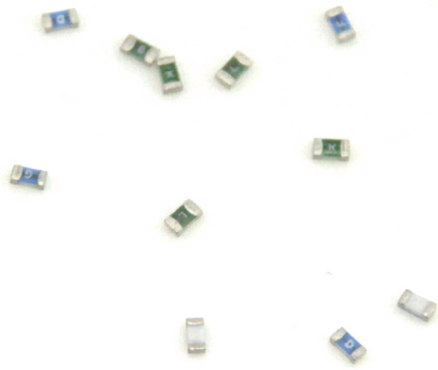


为 您 的 产 品 保 驾 护 航

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

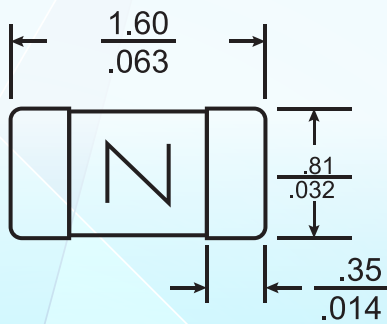
Features

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

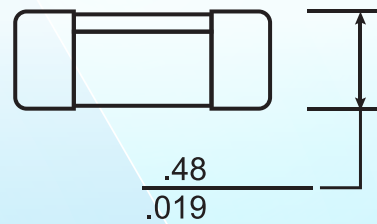
Electrical Characteristics

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

Dimensions



Topview



Sideview

Performance Specification

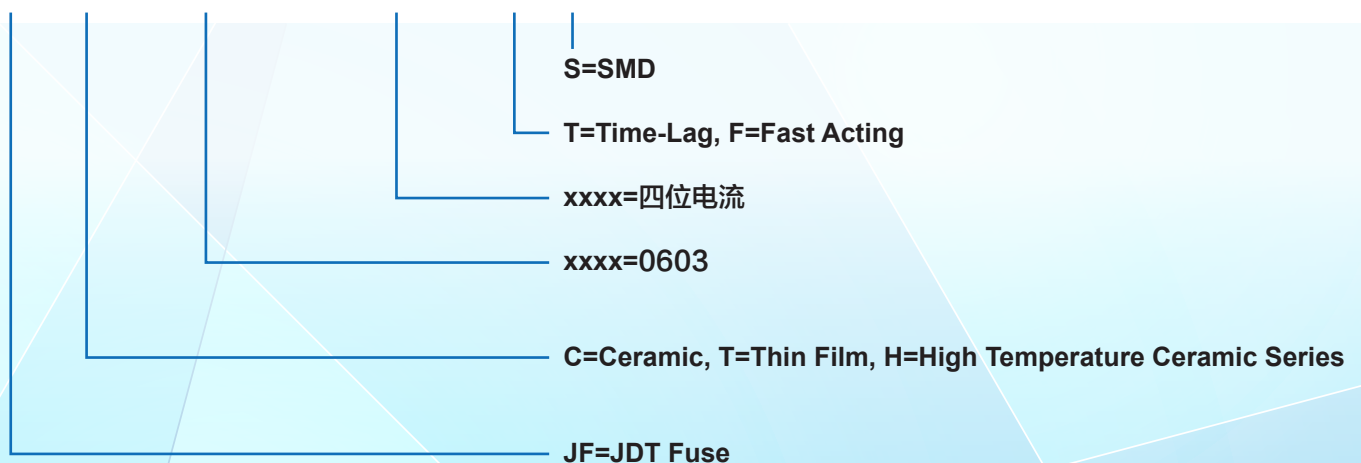
Part No.	Rated Voltage DC	Rated Current (A)	Breaking Capacity ¹	Typical Cold Resistance (mOhms) ²	Typical Voltage Drop (mV)	Typical Pre-Arcing I ² t (A ² Sec) ³	Alpha Marking
JFC0603-0250FS	32V	0.250	50A	3250	893	0.00042	D
JFC0603-0375FS		0.375		1310	587	0.00093	E
JFC0603-0500FS		0.500		1070	582	0.0010	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)

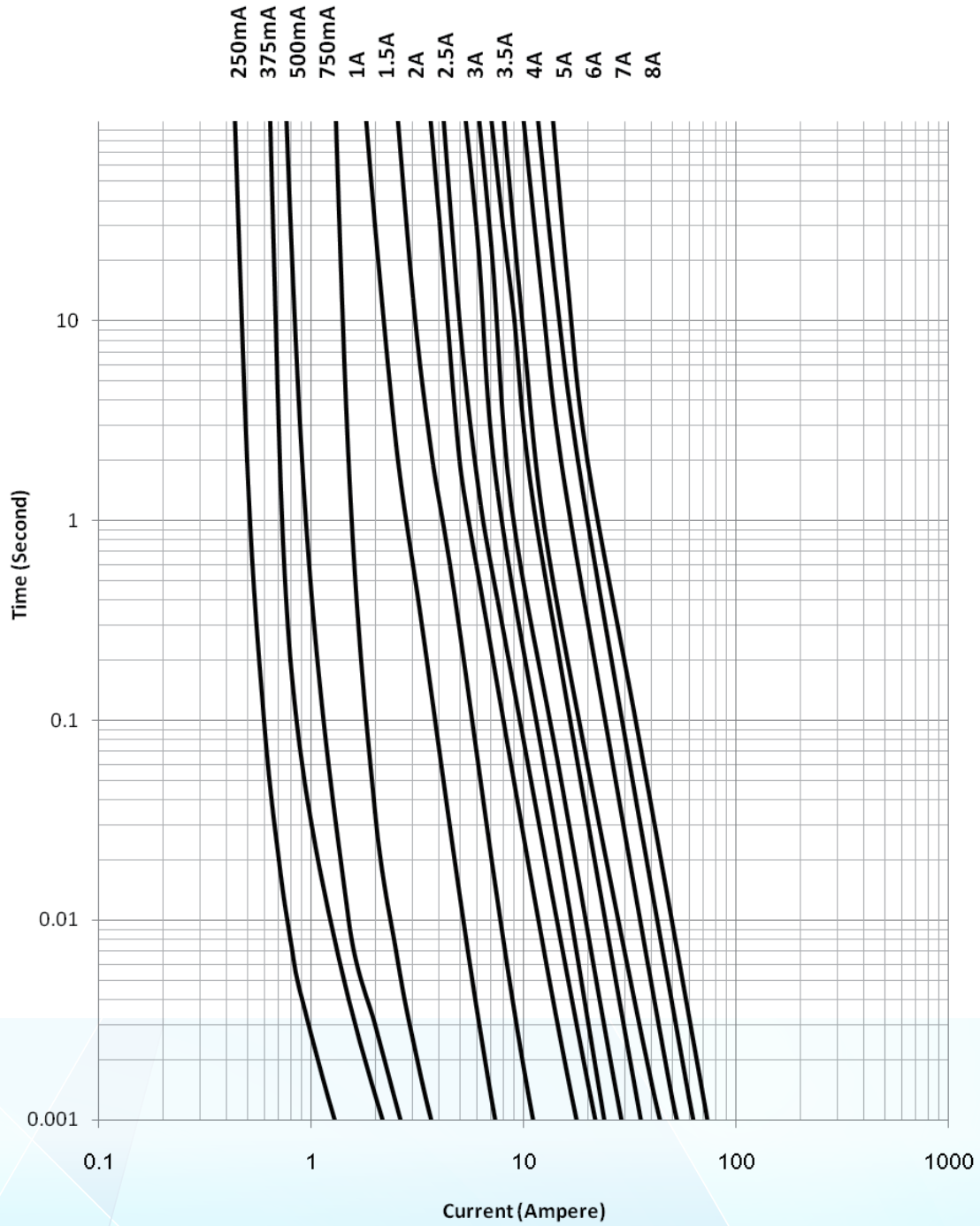
* DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25degrees

* 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



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Surface Mount Fuses](#) category:

Click to view products by [JDT](#) manufacturer:

Other Similar products are found below :

[FHC20402ADTP](#) [NFVC6125S0R50TRF](#) [SFT-125MA](#) [TF16SN2.00TTD](#) [FCC16501ABTP](#) [FCC16102ABTP](#) [FHC16322ADTP](#) [0308.250UR](#)
[0308.375UR](#) [0308.750UR](#) [0308001.UR](#) [030801.5UR](#) [F0603G0R03FNTR](#) [SKY87604-12](#) [SKY87604-11](#) [SKY87604-13](#) [R451003.L](#)
[R451.500L](#) [R451001.L](#) [3-103-119](#) [3-103-123](#) [ABB-A 25A 500V](#) [SGB401](#) [SGB075](#) [0154002.DRL](#) [0154008.DRL](#) [0154.500DRL](#)
[189140.1,25](#) [189140.0,4](#) [189140.0,63](#) [189140.0,25](#) [0402FA-R200](#) [0402SFF150F/24-2](#) [0435.250KRHFS](#) [0468003.WR](#) [0494001.NRHF](#)
[0494002.NRHF](#) [0494003.NRHF](#) [049402.5NRHF](#) [049403.5NRHF](#) [0494.250NRHF](#) [0494.375NRHF](#) [0494.500NRHF](#) [CF06V3T1R60](#)
[CF06V3T2R50](#) [06H1300D](#) [JFC0603-1200FS](#) [CP06V3T2R0](#) [06F-0200L1](#) [06F-0500L1](#)