

为您的产品保驾护航

PRODUCT DATASHEET

Surface Mount Fuses

JFC1206FS Series Fuse



Description

JFC1206FS 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

- Rapid interruption of excessive current
- Compatible with reflow and wave solder
- Ceramic and glass construction
- One time positive disconnect
- Lead Free and Halogen free material

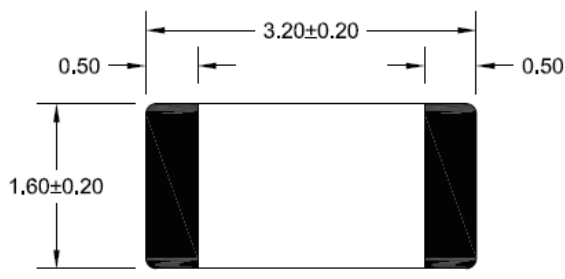
Electrical Characteristics

Rated Current	1.0In	2.5In	3.5In
250mA~5A	4 hour min.	5 sec max.	-
6A~30A		-	5 sec max.

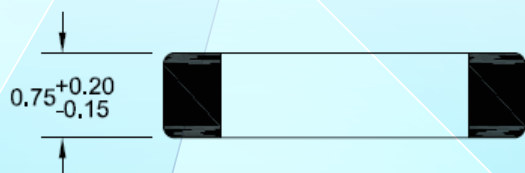
Dimensions

Drawing not to scale (Unit: mm)

Top view:



Side view: 250mA~750mA/20A~30A



1A~15A



Performance Specification

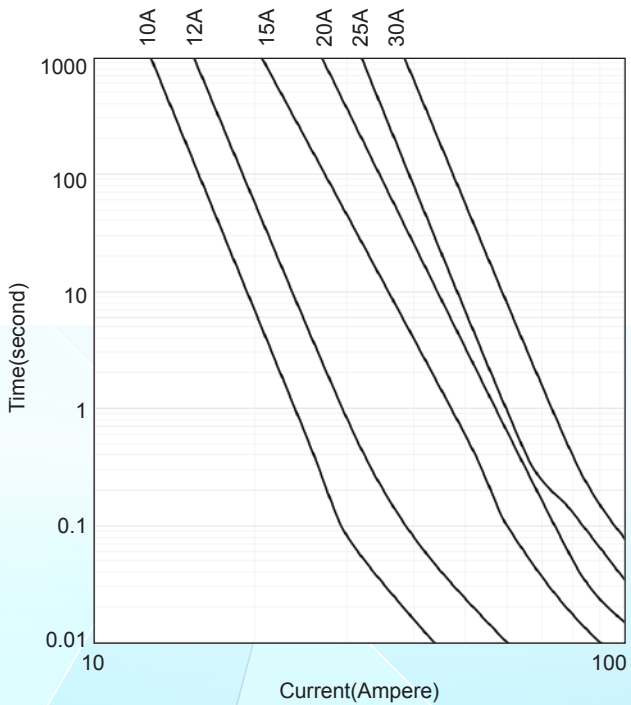
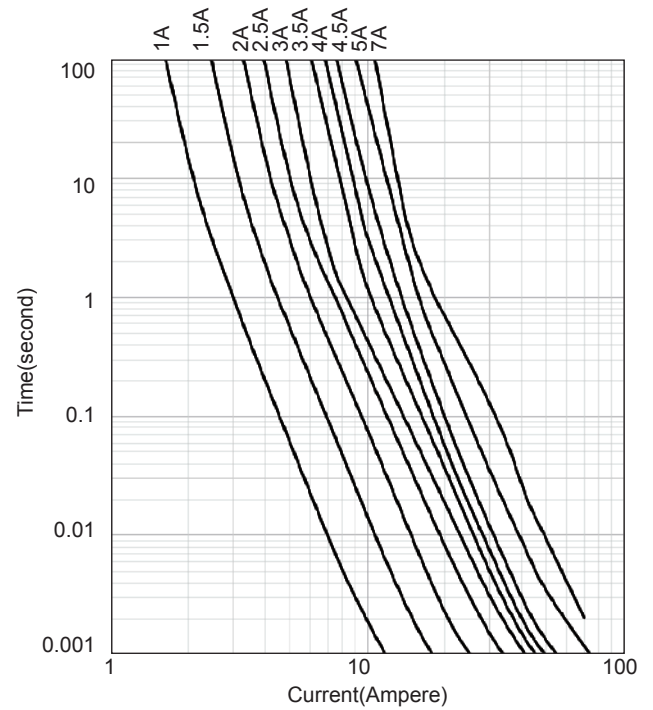
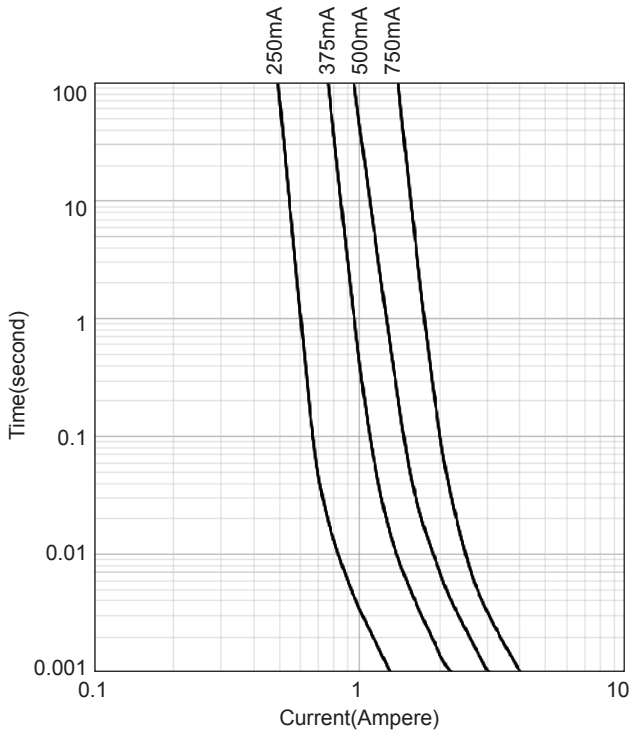
Part No.	Rated Voltage DC	Rated Current (A)	Breaking Capacity ¹	Typical Cold Resistance (mOhms) ²	Typical Voltage Drop (mV)	Typical Pre-Arcing I ² t (A ² Sec) ³ DC	Aplha Marking
JFC1206-0250FS		250mA		3608	1407	0.0004	.25
JFC1206-0375FS		375mA		1882	718	0.0008	E
JFC1206-0500FS		500mA		1028	650	0.0022	0.5
JFC1206-0750FS		750mA		601	616	0.0057	.75
JFC1206-1100FS	72V	1A	50A@72V	490	510	0.10	H
JFC1206-1125FS	63V	1.25A	50A@63V	165	184	0.021	▲
JFC1206-1150FS	32V	1.5A	50A@32V	240	367	0.15	K
JFC1206-1200FS	24V	2A	300A@24V	144	316	0.41	N
JFC1206-1250FS		2.5A		83	240	0.65	O
JFC1206-1300FS		3A		53	187	1.39	P
JFC1206-1350FS		3.5A		40	180	1.68	R
JFC1206-1400FS		4A		35	173	1.73	S
JFC1206-1450FS	32V	4.5A	50A@32V	27	164	2.62	X
JFC1206-1500FS		5A	300A@24V	22	141	2.89	T
JFC1206-1650FS	24V	6.5A		16	140	3.4	6.5
JFC1206-1700FS		7A		12	140	5.68	7
JFC1206-1800FS	24V	8A		8.5	110	8	M
JFC1206-2100FS		10A		7	100	9.5	U
JFC1206-2120FS		12A		5	85	11.5	12
JFC1206-2150FS		15A	300A@24V	3.5	78	16.5	15
JFC1206-2200FS		20A	150A@32V ⁴	1.6	60	47.14	20
JFC1206-2250FS		25A		1.6	90	60	L
JFC1206-2300FS		30A		1.3	90	100	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 25°C

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

Time Current Curve



Part Numbering System

JF C xxxx - xxxx F S

S=SMD

T=Time-Lag, F=Fast Acting

xxxx=四位电流

xxxx=四位体积

C=Ceramic, T=Thin Film, H=High Temperature Ceramic Series

JF=JDT Fuse