



Description

SMD1206F 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.

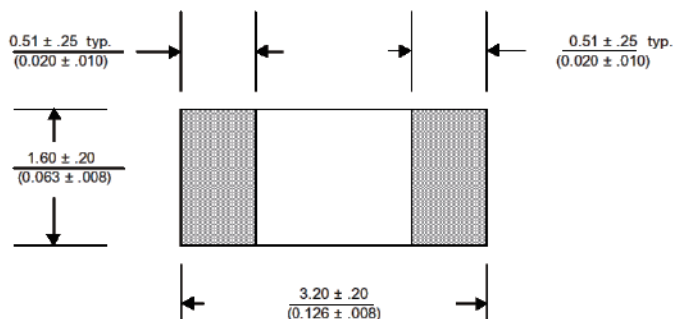
Features

- 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

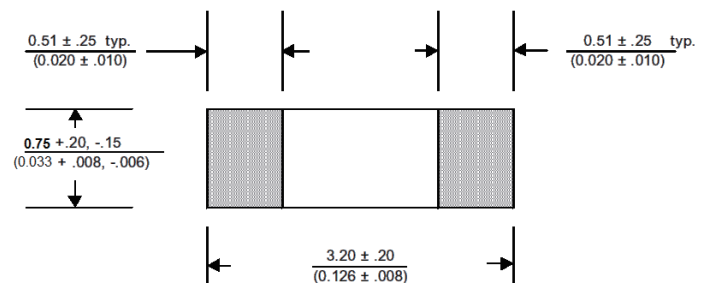
Electrical Characteristics

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

Dimensions



Topview



Sideview

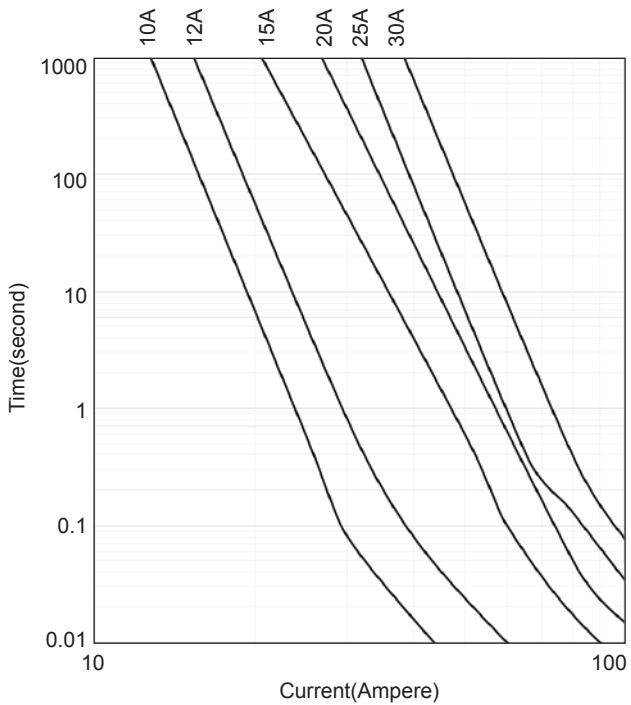
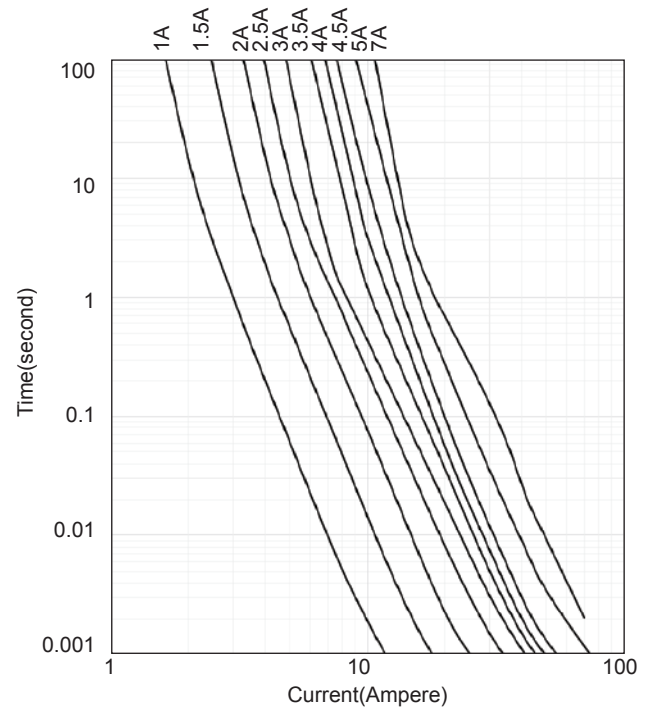
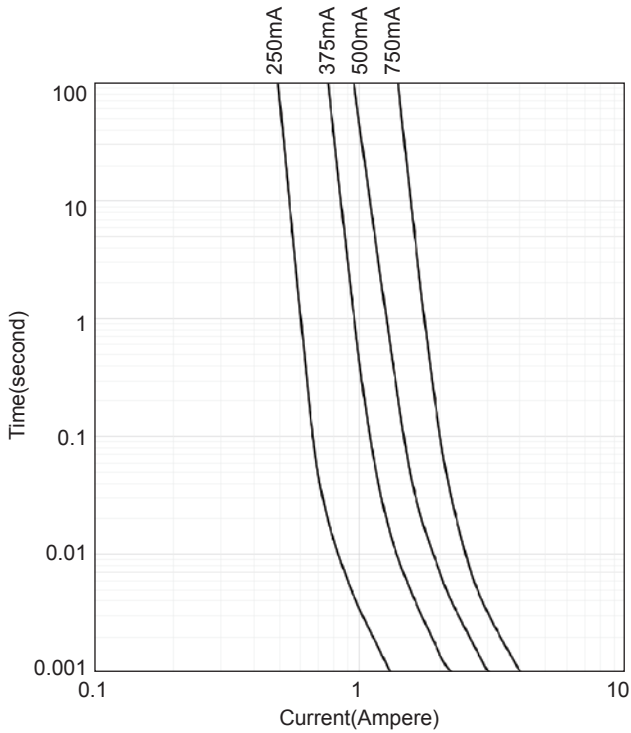
Performance Specification

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 DC	Aplha Marking
SMD1206F025	72V	250mA	50A	3608	1407	0.0004	.25
SMD1206F375		375mA		1882	718	0.0008	E
SMD1206F050		500mA		1028	650	0.0022	B
SMD1206F075		750mA		601	616	0.0057	.75
SMD1206F100		1A		490	510	0.1	H
SMD1206F125		1.25A		165	184	0.021	h
SMD1206F150		1.5A		240	367	0.15	K
SMD1206F200		2A		144	316	0.41	N
SMD1206F250		2.5A		86	240	0.65	O
SMD1206F300		3A		53	187	1.39	P
SMD1206F350		3.5A		40	180	1.68	R
SMD1206F400		4A		35	173	1.73	S
SMD1206F450	32V	4.5A	50A	27	164	2.62	X
SMD1206F500		5A		22	141	2.89	T
SMD1206F650		6.5A		16	140	3.4	6.5
SMD1206F700		7A		12	140	5.68	7
SMD1206F1000	24V	10A	150A	4.4	59	2.16	U
SMD1206F1200		12A		3.8	67	7.11	12
SMD1206F1500		15A		2.9	66	23.89	15
SMD1206F2000		20A	200A	1.6	60	47.17	20
SMD1206F2500		25A	250A	1.4	57	32	L
SMD1206F3000		30A	300A	1	68	43	Z

* Breaking Capacity (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

Time Current Curve



SMD 1206 F xxxx

