

1206 Fast Acting SMD Fuses 12 100 Series

Description

12 100 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	2.5In	3.5In
250mA~5A	4 hour min.	5 sec max.	-
6A~30A		-	5 sec max.

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

Specifications

Part No.	Rated Voltage DC		Rated Current (A)	Breaking Capacity(A) ¹				Typical Cold Resistance (mOhms) ²	Typical Voltage Drop (mV)	Typical Pre-Arcing I ² t (A ² Sec) ³ DC	Alpha Marking
				72V	63V	32V	24V				
12 100.0.25	72V	63V	250mA	50A	50A	50A	300A	3608	1407	0.0004	.25
12 100.0.375			375mA					1882	718	0.0008	E
12 100.0.5			500mA					1028	650	0.0022	0.5
12 100.0.75			750mA					601	616	0.0057	.75
12 100.1			1A					490	510	0.10	H
12 100.1.25			1.25A					165	184	0.021	▲
12 100.1.5			1.5A					240	367	0.15	K
12 100.2			2A					144	316	0.41	N
12 100.2.5			2.5A					83	240	0.65	O
12 100.3			3A					53	187	1.39	P
12 100.3.5	3.5A	40	180	1.68	R						
12 100.4	4A	35	173	1.73	S						
12 100.4.5	4.5A	27	164	2.62	X						
12 100.5	5A	22	141	2.89	T						
12 100.6.5	6.5A	16	140	3.4	6.5						
12 100.7	7A	12	140	5.68	7						
12 100.10	10A	4.4	59	2.16	10						
12 100.12	12A	3.8	67	7.11	12						
12 100.15	15A	2.9	66	23.89	15						
12 100.20	20A	1.6	60	47.17	20						
12 100.25	25A	1.4	57	32	25						
12 100.30	30A	1	68	43	30						

* 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

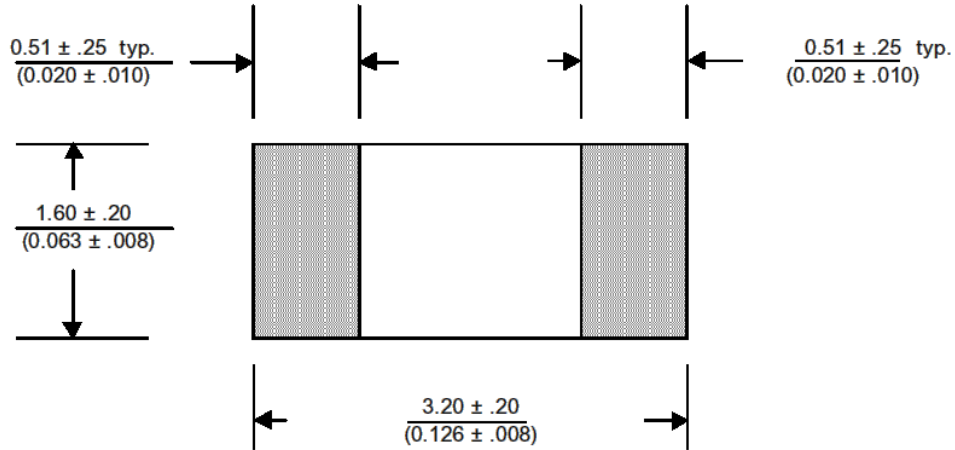
* Typical Pre-arching I²t are measured at 10In Current

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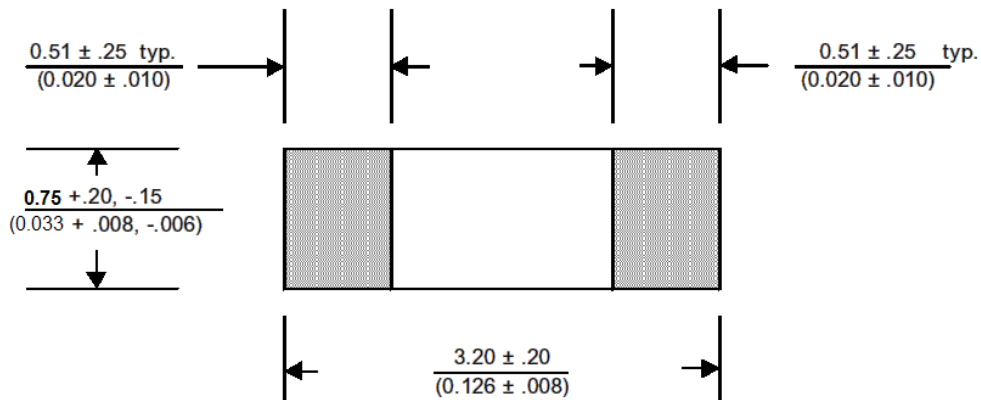
Dimension

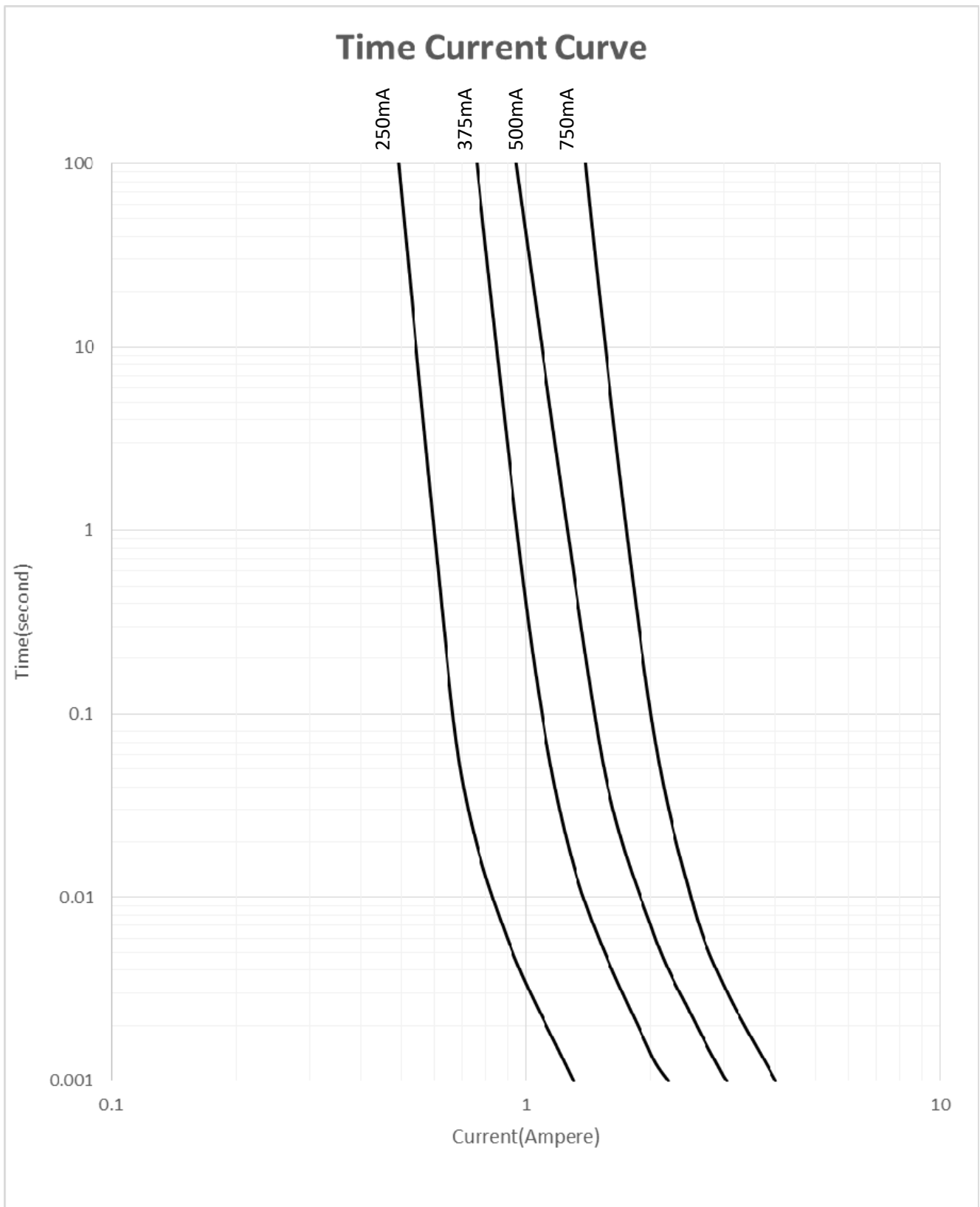
Drawing not to scale (Unit: mm)

Top view

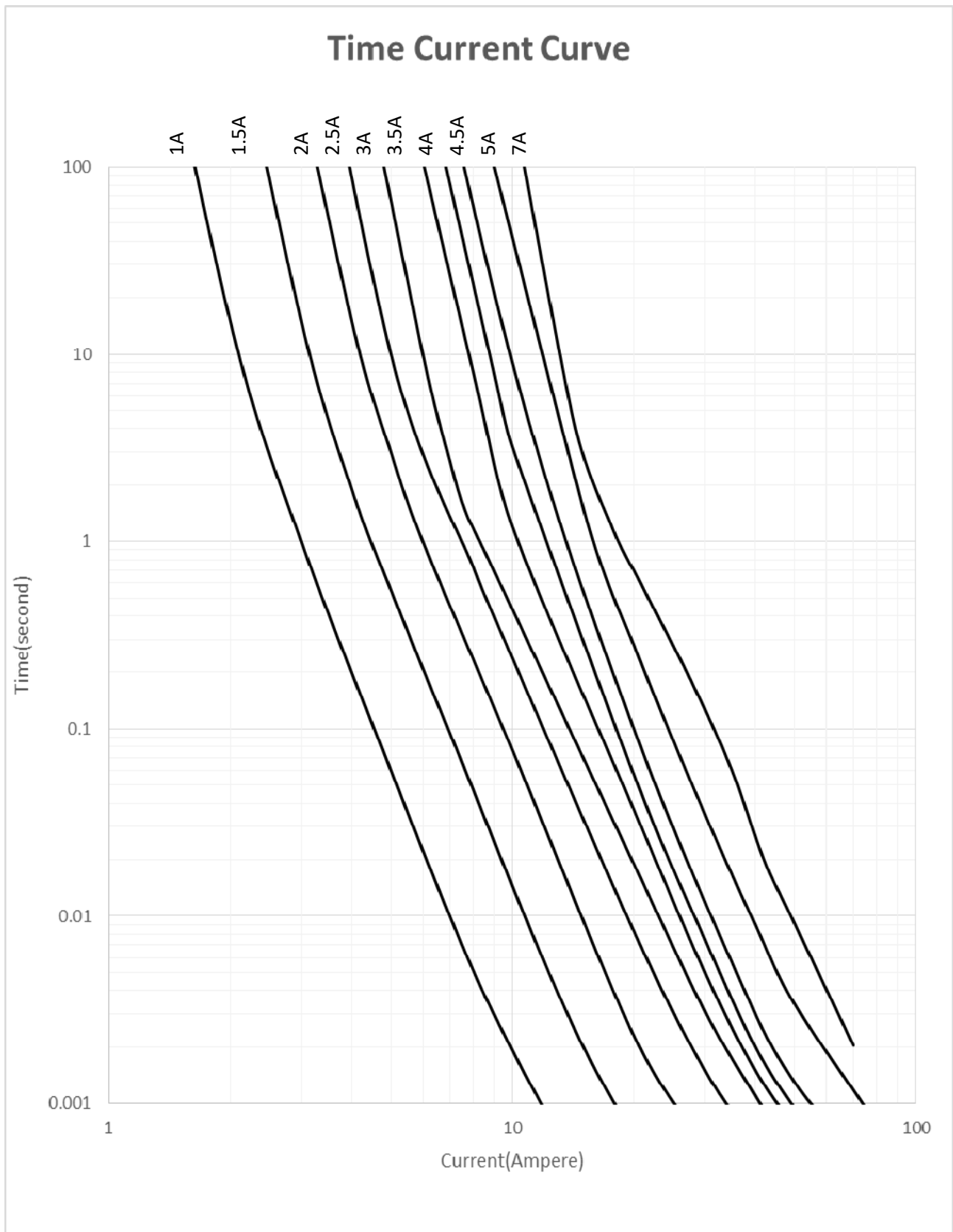


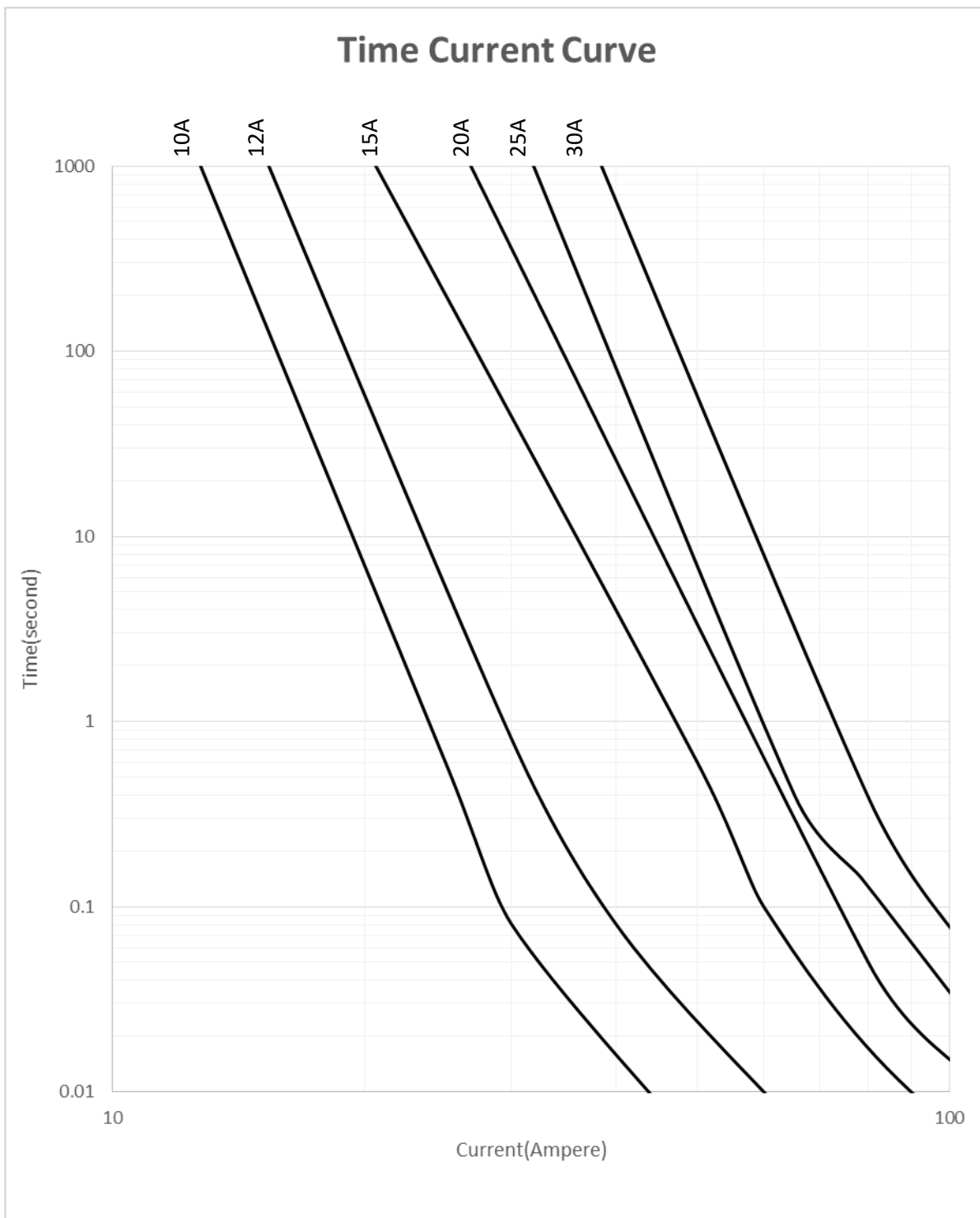
Side view





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Website: <http://www.jksemi.com>

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