



1206 Fast Acting SMD Fuses

SC1206 Fast-Acting Series

Description

SC1206 Fast-Acting 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	1.0ln	2.5ln	3.5ln
250mA~5A		5 secs max.	_
6A~30A	4 hours min.	_	5 secs max.

Specifications

Part Number	1	Rated Voltage		Rated Current	Breaking Capacity (A) ①			Typical Cold. Resistance	Typical Voltage Drop	Typical Pre- Arcing I ² t	Alpha Mark		
	DC (V))	(A)	72V	32V	24V	(mOhms) 2	(mV)	(A ² Sec) ③	Walk		
12 000.0.25				0.25	50	50	150	3608	1407	0.0004	.25		
12 000.0.375				0.375	50	50	150	1882	718	0.0008	•		
12 000.0.5				0.5	50	50	150	1028	650	0.0022	0.5		
12 000.0.75		72 63 32		0.75	50	50	150	601	616	0.0057	.75		
12 000.1	72			24	1	50	50	150	490	510	0.10	Н	
12 000.1.25					1.25	50	50	150	165	184	0.021	A	
12 000.1.5				1.5	50	50	150	240	367	0.15	K		
12 000.2	63				2	50	50	150	144	316	0.41	N	
12 000.2.5				2.5	50	50	150	83	240	0.65	0		
12 000.3			12	12	3	50	50	150	53	187	1.39	Р	
12 000.3.5					3.5	50	50	150	40	180	1.68	R	
12 000.4						4	50	50	150	35	173	1.73	S
12 000.4.5					4.5	50	50	150	27	164	2.62	Х	
12 000.5				5	50	50	150	22	141	2.89	Т		
12 000.6.5	_			6.5	_	50	150	16	140	3.4	6.5		

SOCAY Electronics Corp., Ltd.

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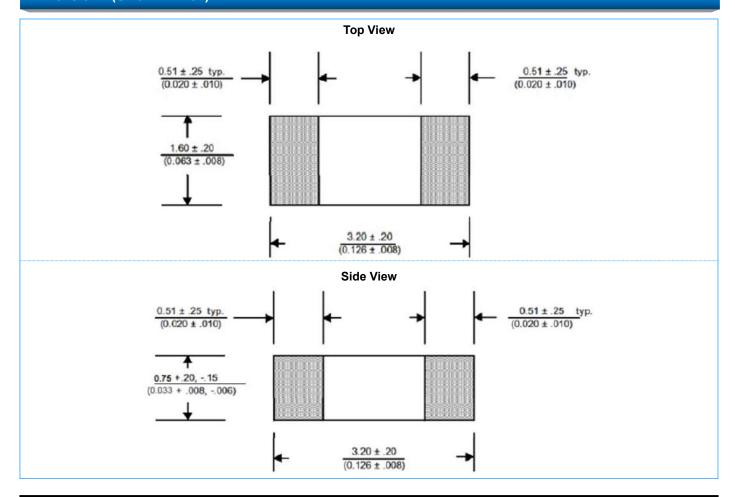
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Specifications (Continue)

Part Number	Rated Voltage		Rated Current	Breaking Capacity (A) ①			Typical Cold. Resistance	Typical Voltage Drop	Typical Pre- Arcing I ² t	Alpha Mark	
DC (V))	(A)	72V	32V	24V	(mOhms) ②	(mV)	(A ² Sec) ③	Wark	
12 000.7		32		7		50	150	12	140	5.68	7
12 000.10				10	_	_	150	4.4	59	2.16	10
12 000.12			24	12	_	_	150	3.8	67	7.11	12
12 000.15	_	_		15	_	_	150	2.9	66	23.89	15
12 000.20			12	20	_	_	200	1.6	60	47.17	20
12 000.25				25		_	250	1.4	57	32	25
12 000.30				30	_	_	300	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.

Dimension (Unit: mm/inch)



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