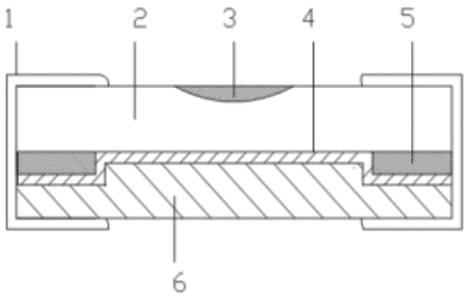
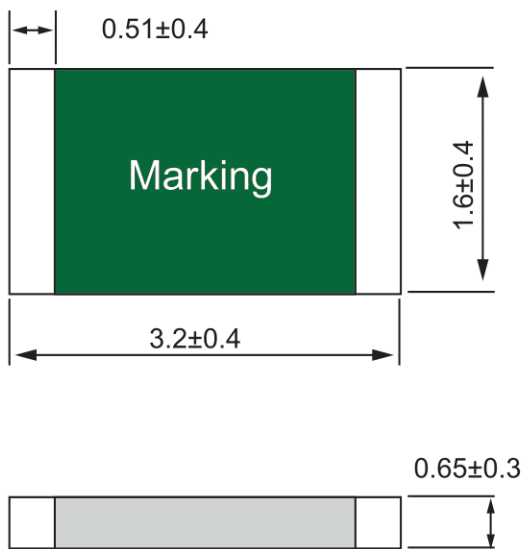
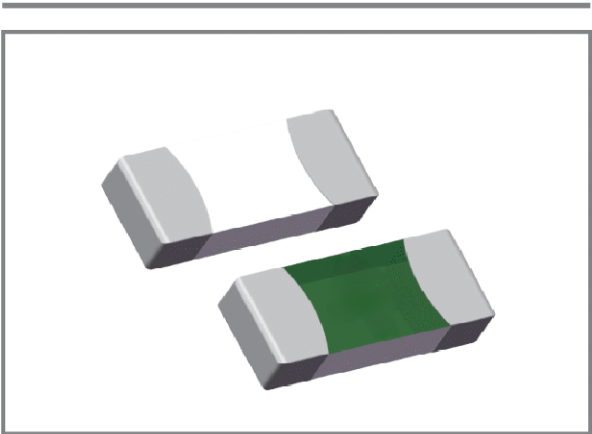


Scope of Application

This product as a kind of thin and small electronic components, is generally used in compact structure, small volume of products, especially the application in the digital handheld electronic devices.

Dimensions and Structure

Unit: mm



NO.	Part Name	Material
1	End termination	Silver over-plated with nickel&tin
2	Substrate	Ceramic
3	Marking	Numeric ampere
4	Element	Silver
5	Terminal	Silver pad
6	Cover	Glass with various color

Product Specification

Part Number	Rated Voltage		Rated current	Breaking Capacity	Typical Cold Resistance (mOhms)	Typical Voltage Drop (mV)	Typical Melting I ² t (A²Sec)	Marking
XQ1206-0250IV	32VDC 63VDC		250mA	50A@32V 50A@63V	3608	1407	0.0004	.25
XQ1206-0375IV			375mA		1882	718	0.0008	E
XQ1206-0500IV			500mA		1028	650	0.0022	0.5
XQ1206-0750IV			750mA		601	616	0.0057	.75
XQ1206-1100IV			1.0A		490	510	0.10	H
XQ1206-1150IV			1.5A		240	367	0.15	K
XQ1206-1200IV			2.0A		132	316	0.41	N
XQ1206-1250IV			2.5A		77	240	0.65	O
XQ1206-1300IV			3.0A		48	187	1.39	P
XQ1206-1350IV			3.5A		40	180	1.68	R
XQ1206-1400IV			4.0A		35	173	1.73	S
XQ1206-1450IV			4.5A		30	164	2.62	X
XQ1206-1500IV		24VDC 32VDC 36VDC	5.0A		25	141	2.89	T
XQ1206-1600IV			6.0A		16.5	142	11.0	F
XQ1206-1700IV			7.0A		12.0	140	12.5	7
XQ1206-1800IV			8.0A		8.50	110	14.0	M
XQ1206-2100IV			10A		6.80	100	20.0	U
XQ1206-2120IV			12A	250A@24VDC 250A@36VDC	5.00	85	11.5	12
XQ1206-2150IV			15A		3.90	78	16.5	15
XQ1206-2200IV			20A		1.80	60	17.0	20
XQ1206-2250IV			25A		1.50	57	32	25
XQ1206-2300IV			30A		1.25	68	43	30
XQ1206-2400IV			40A	200A@24VDC 200A@32VDC /36VDC	0.85	95	240	XL
XQ1206-2500IV			50A		0.30	126	560	/

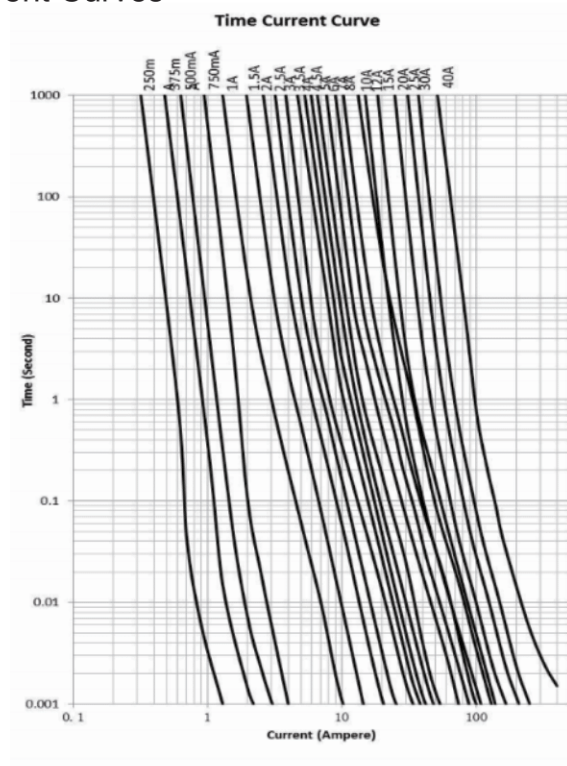
Electrical Characteristics

1.Opening Time

Electrical Characteristics			
Rated Current	1.0 In	2.5 In	3.5 In
250mA~5A	4 hour min	5 sec max	--
6A~50A		--	5 sec max

Electrical Characteristics

2. Average Time Current Curves



Environmental Characteristic

1. Operating Temperature : $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$ 。

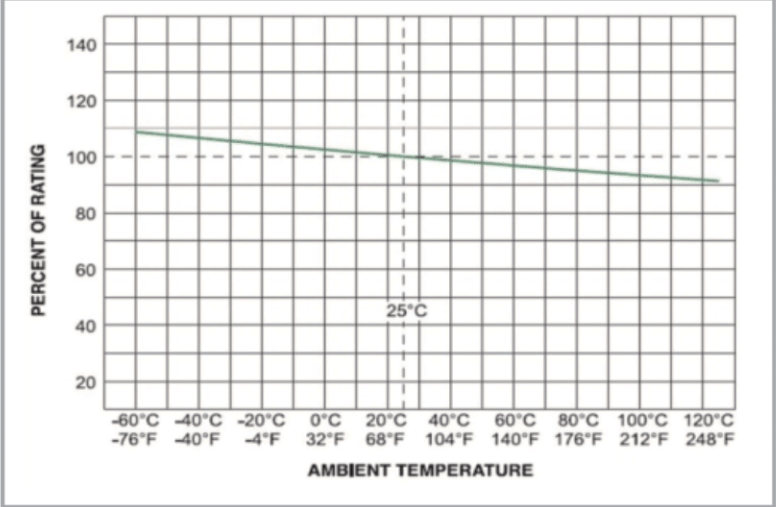
2. Stock condition:

Humidity: Relative humidity $\leq 75\%$ store 3 years in average.

3. When choosing the fuse's specification, if the operating environmental temperature beyond the scope from $20\sim 30^{\circ}\text{C}$, engineer should consider the environmental temperature's affection to fuses. Please refer: Temperature Rerating Curve:

Environmental Characteristic

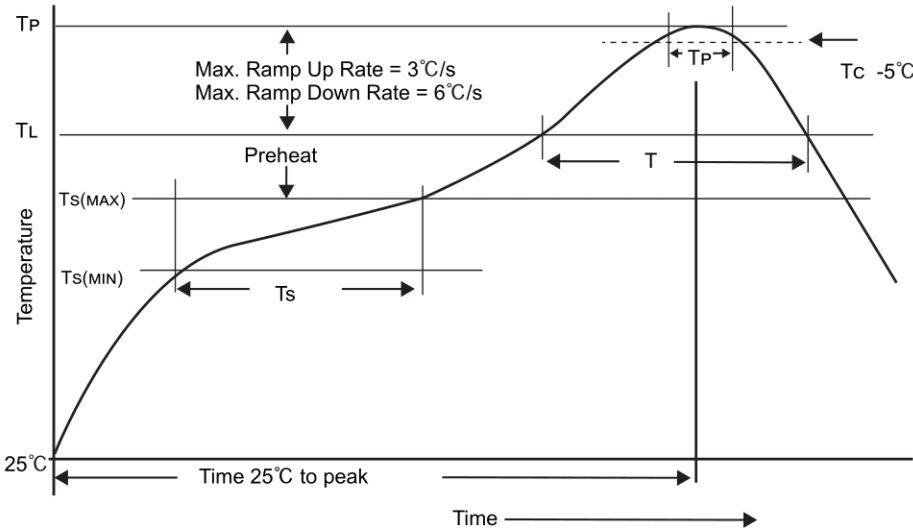
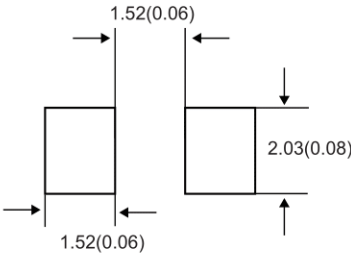
Temperature Rerating Curve



Installation Recommendations

1. Recommended Soldering Parameters.

- A. Wave Parameters;
- Solder Pot Temperature: 260°C ±10°C;
- Solder Dwell Time: 2~5s.
- B. Hand-Solder Parameters;
- Solder Iron Temperature: 350±5°C;
- Heating Time: 3s Max.



Packaging

1. The following items indicated on the label:

- 1.1 Catalog number, ratings (voltage, current), interrupting type and SBFety mark.
- 1.2 The packing material conforms to ROHS/REACH/HF environmental protection request. And the packing materials will not have the chemical reaction with the components.

2. Packing Quantity

3000 fuses on 8mm tape and-reel on a 7 inch (178mm) reel per

