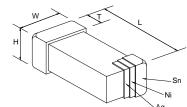
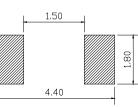
#### DOCUMENT: F20089 **REV LETTER: C** Wayon Electronics Co.,Ltd. PAGE NO: 1 OF3 WAYON No.1001, Shiwan Qi Road, Shanghai 201207, China **SMD FUSE** REV DATE: 2019-9-26 Tel: 86-21-50968322 PART NUMBER: E-mail: hangl@way-on.com Http://www.way-on.com Features **RoHS** Passed SMD Electronic devices High structural intensity RoHS Compatible with both wave and reflow soldering processes Good corrosion resistance ■ Operating temperature: -55°C to +125°C (with de-rating) Product Dimensions and Recommended Land Pattern(mm) Part number W н $1.60 \pm 0.20$ 1206WCF150A063V $3.20 \pm 0.20$ $1.1 \pm 0.20$ 0.20min



**Product Dimensions** 



Recommended soldering dimension

# Specification

Part number	Current Rating	Voltage Rating	Nominal Cold DCR <sup>1</sup>	Interrupting Rating	Nominal I <sup>2</sup> t <sup>(2)</sup>
	Α	VDC	mΩ	Α	A <sup>2</sup> s
1206WCF150A063V	1.5	63	160	50	0.026

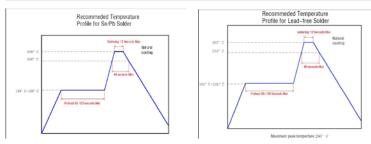
1. Measured at  $\,\leq\,$  10% of rated current and 25°C ambient

2. Melting I2t at 0.001 sec clear-time

## **Clear-Time Characteristics**

% of current rating	Clear-time at 25℃	
100%	4 hours (min)	
250%	5 sec (max)	
400%	0.05 sec (max)	

## Solder Reflow Recommendations

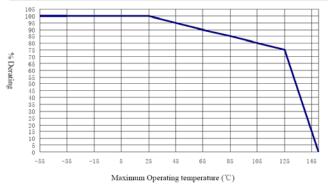


### Recommended conditions for hand soldering:

1. Preheating: 150°C, 60s (min) Appropriate temperature (max) of soldering iron tip/soldering time (max): 280°C /10s or 350°C / 3s Maximum temperature of soldering iron tip/soldering time: 350°C /9s or 400°C / 8s

2. Using hot air rework station with tip that can melt the solder on both terminations of the same time is strongly recommended, don't directly

# **Temperature De-rating Guideline**

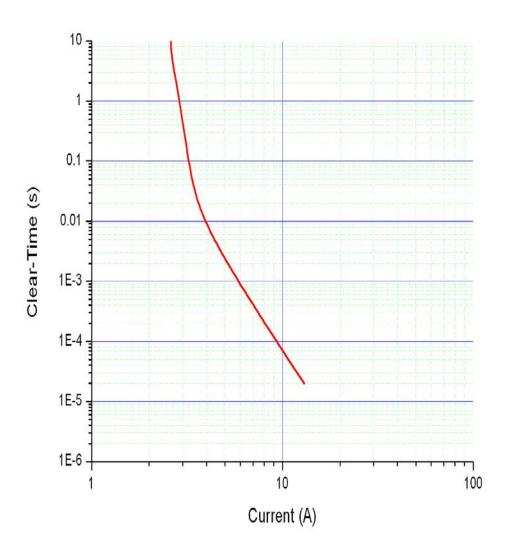


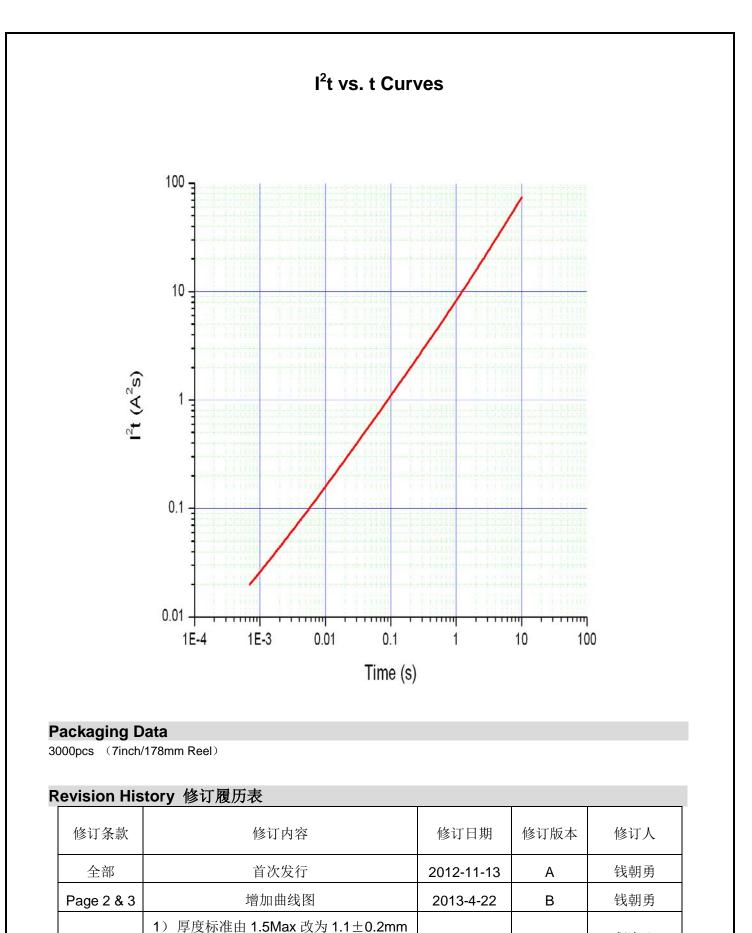
To select a fuse from the catalog, the following rule may be followed: Catalog Fuse Current Rating = Nominal Operating Current / 0.75 / % De-rating at the maximum operating temperature.

Specifications are subject to change without notice



Average Clear-Time Curves





Specifications	are subject	to change	without notice
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2) 更换公司名称及 Logo

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程逸飞

С

2019-09-26