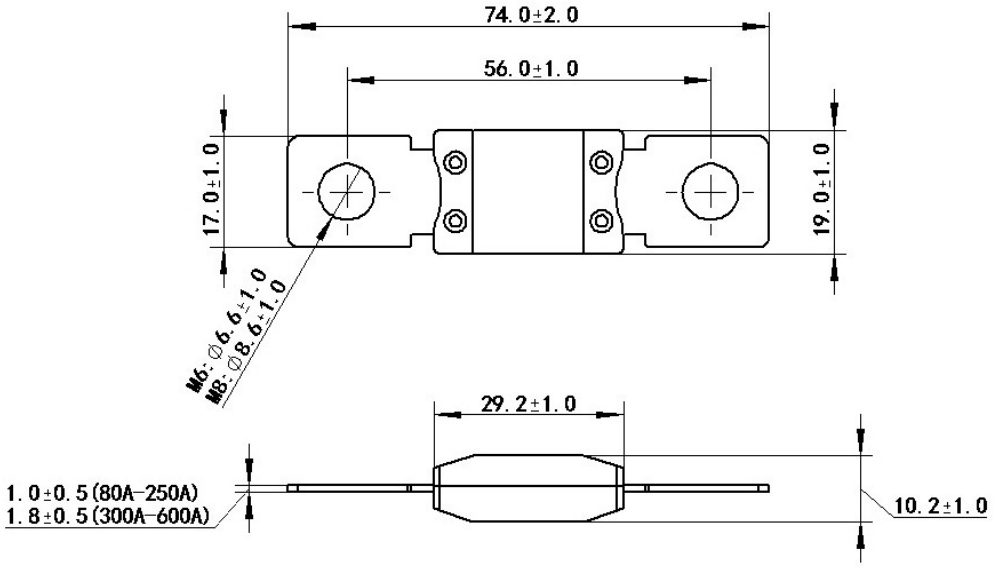
WCPF-56 *series* (Rev: D) HIGH CURRENT FUSE

Features

- 1 Mohm open state resistance at 100V
- High tightening torque resistance
- 56mm pitch prevents mistaken replacement with other types of high-current fuses

Product Dimensions and Recommended Land Pattern (mm)



Product Dimensions

Note: Dimensions in mm. Please refer to the outline drawing for dimensions and tolerances.

Electrical Characteristics

Part number	Current Rating	Voltage Rating	Nominal Cold DCR	Nominal I^2t
	A	70 VDC	mΩ	A^2s
WCPF0060A-56	60		0.90	22800
WCPF0080A-56	80		0.75	34900
WCPF0100A-56	100		0.46	36000
WCPF0125A-56	125		0.37	38000
WCPF0150A-56	150		0.32	58100
WCPF0175A-56	175		0.28	79300
WCPF0200A-56	200		0.24	123600
WCPF0225A-56	225		0.21	142500
WCPF0250A-56	250		0.17	220000
WCPF0300A-56	300		0.15	340000
WCPF0350A-56	350		0.14	495000
WCPF0400A-56	400		0.12	872000
WCPF0450A-56	450		0.10	1224000
WCPF0500A-56	500		0.09	1800000
WCPF0600A-56	600		0.07	2425000

Note: The typical I^2t is an average value calculated from the breaking capacity tests by using the melting time before the arcing occurs.

Wayon Electronics Co.,Ltd. Tel: 86-21- 50968308
No. 1001, Shiwan7th Road, Shanghai 201202, P. R. China E-mail: market@way-on.com Http://www.way-on.com

■ Clear-Time Characteristics (Fast Acting)

60A-250A

% of current rating	Clear-time at 25℃	
100%	4 hours (min)	
200%	1 sec (min)	15 sec (max)
350%	0.3 sec (min)	5 sec (max)

300A-600A

% of current rating	Clear-time at 25℃	
75%	4 hours (min)	
200%	1 sec (min)	15 sec (max)
350%	0.3 sec (min)	5 sec (max)

Note: Current recommendation may be impacted by the final condition of theapplication (terminals characteristics, wire size etc..).

■ Part Numbering

WC PF 0200A - 56

(1) (2) (3) (4)

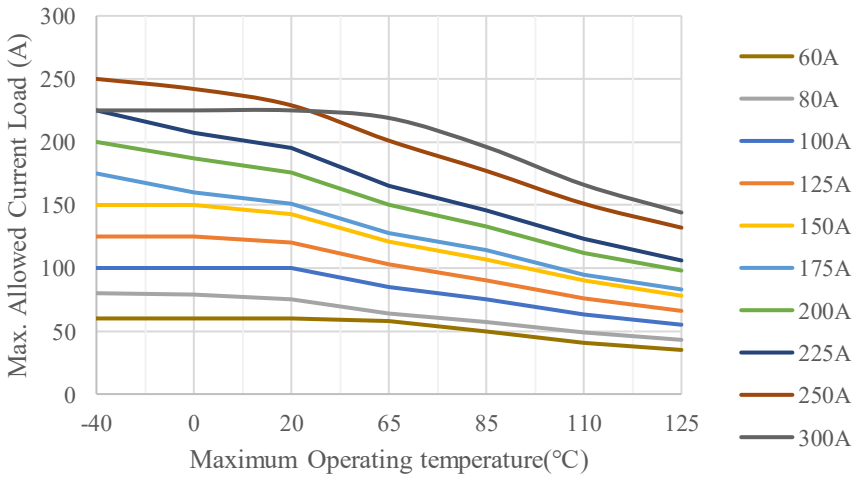
(1) Company code: Wayon Chip Fuse

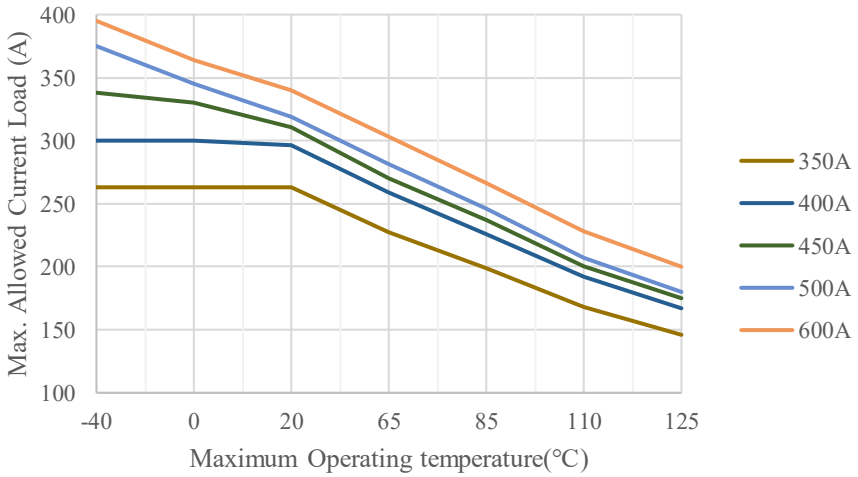
(2) Action code: F-Fast Acting, S-Slow Blow

(3) Current rating code:0200A-200 A

(4) Pitch of screw holes: 56mm

■ Temperature De-rating Guideline

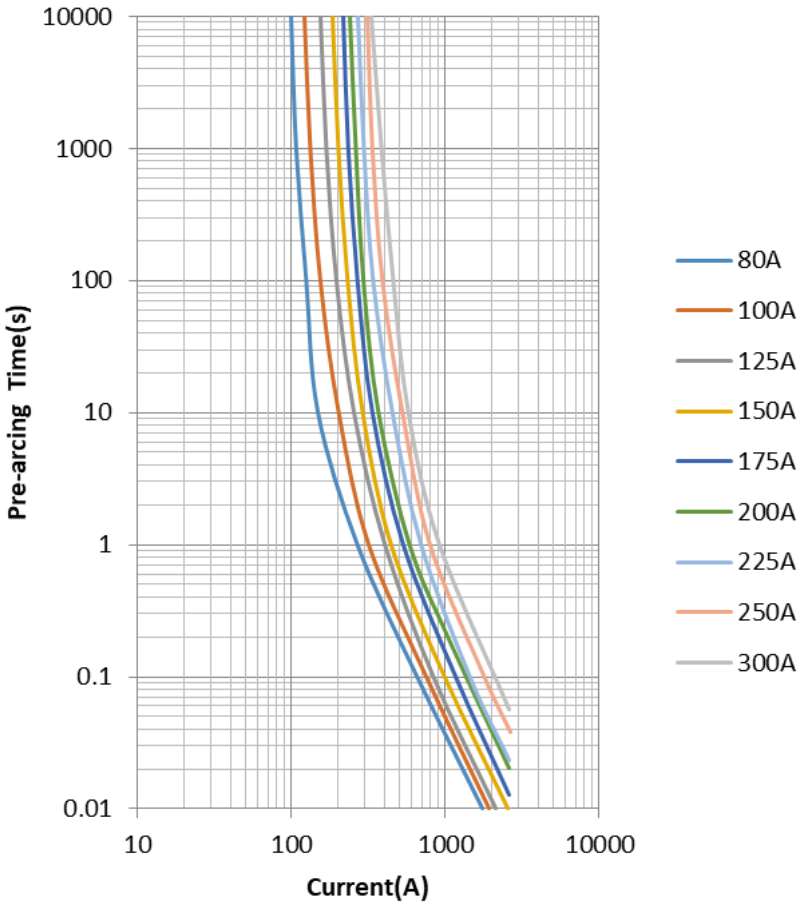


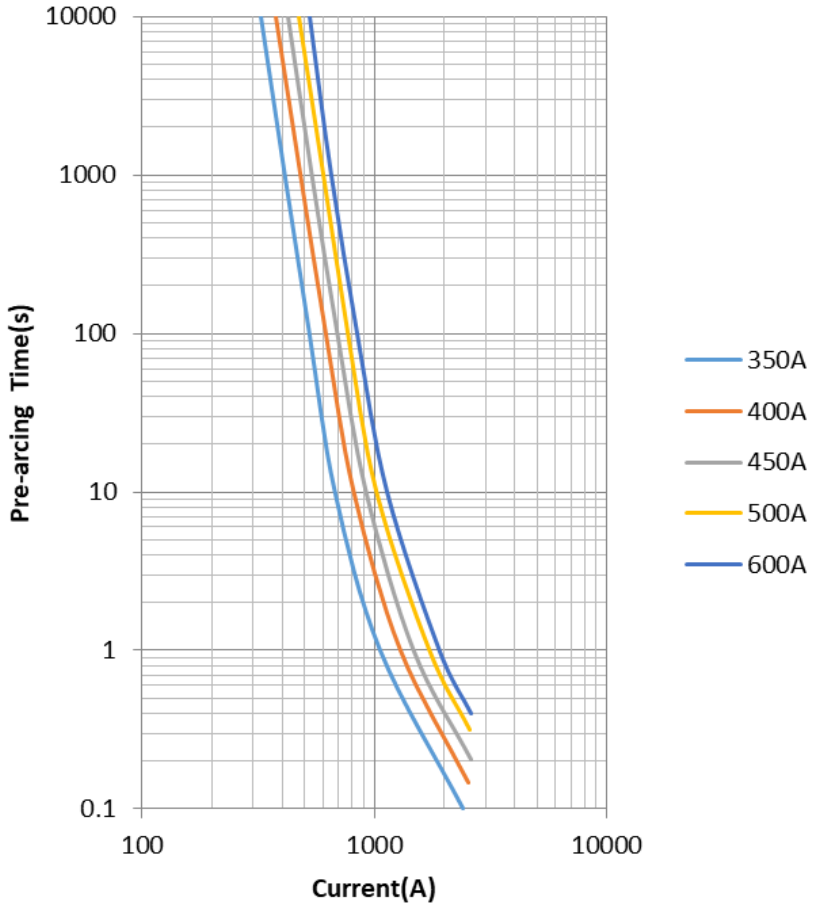


Note: Current recommendation may be impacted by the final condition of theapplication (terminals characteristics, wire size etc..)

■ Curves

Average Clear-Time Curves





Note: Current recommendation may be impacted by the final condition of theapplication (terminals characteristics, wire size etc..).

■ Packaging and Storage

Storage condition:
Temperature 25, humidity 35%-65%.

Packaging Data
Minmum package for：10 PCS.

■ Cautions and Warnings

1、Mounting

- Electrode must not be scratched before/during/after the mounting process.
- Contacts and housings used for assembly with fuses have to be clean before mounting.
- During operation, the fuse's surface temperature can be very high (ICL). Ensure that adjacent components are placed at a sufficient distance from the fuse to allow for proper cooling of the fuses.
- Ensure that adjacent materials are designed for operation at temperatures comparable to the surface temperature of the fuse. Be sure that surrounding parts and materials can withstand this temperature.
- Avoid contamination of fuse surface during processing.

2、Operation

- Use fuses only within the specified operating temperature range.
- Environmental conditions must not harm the fuses. Use fuses only in normal atmospheric conditions.
- Contact of chip fuses with any liquids and solvents should be prevented. It must be ensured that no water enters the chip fuse (e.g. through plug terminals). For measurement purposes (checking the specified resistance vs. temperature), the component must not be immersed in water but in suitable liquids (e.g. Galden).
- Avoid dewing and condensation.

■ Notice

Specifications of the products displayed herein are subject to change without notice. We assume no responsibility or liability for any errors or inaccuracies.

Information contained herein is intended to provide a product description only. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Wayon's terms and conditions of sale for such products, Wayon assumes no liability whatsoever, and disclaims any express or implied warranty, relating to sale and/or use of Wayon products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright, or other intellectual property right.