

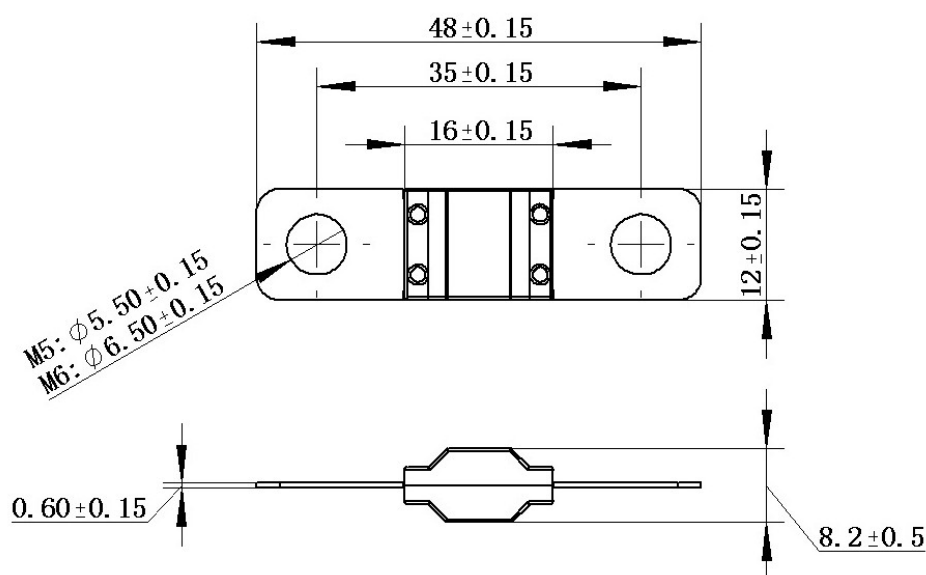
WCPF-35 series (Rev: F)

HIGH CURRENT FUSE

Features

- Small size with high current rating for short circuit protection
- High breaking capacity under 58Vdc
- RoHS compliant and Lead Free

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	Breaking Capacity	Nominal Cold DCR	Nominal I ² t
	A			m Ω	A ² s
WCPF0050A-35	50	58V DC	2000A@58V DC	0.92	1250
WCPF0060A-35	60			0.73	2230
WCPF0080A-35	80			0.51	5400
WCPF0100A-35	100			0.43	9600
WCPF0150A-35	150			0.33	21800
WCPF0200A-35	200	32V DC	1500A@32V DC	0.24	38500
WCPF0250A-35	250			0.19	60500
WCPF0300A-35	300			0.16	85000
WCPF0350A-35	350			0.13	92000

Note: The typical I²t is an average value calculated from the breaking capacity tests by using the melting time before the arcing occurs.

■ Clear-Time Characteristics (Fast Acting)

% of current rating	Clear-time at 25℃	
	50-100A	150-350A
75%	-	360000 sec (min)
100%	360000 sec (min)	-
300%	10 sec (max)	

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

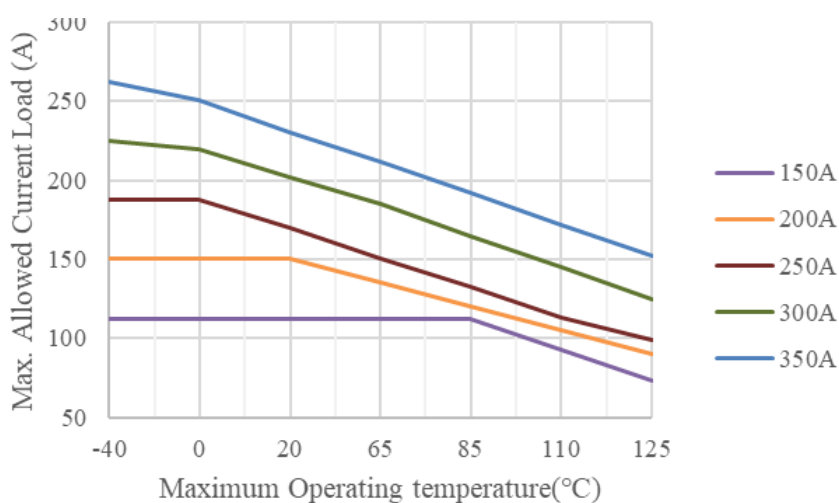
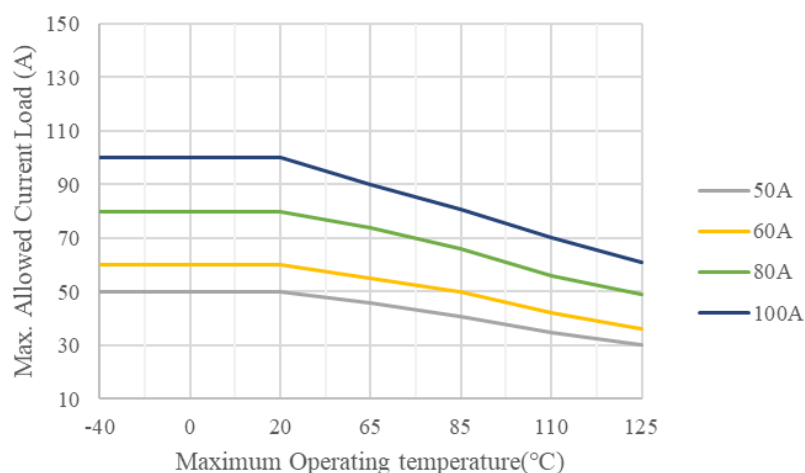
■ Part Numbering

WC PF 0200A - 35

(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: 35mm

■ Temperature De-rating Guideline



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

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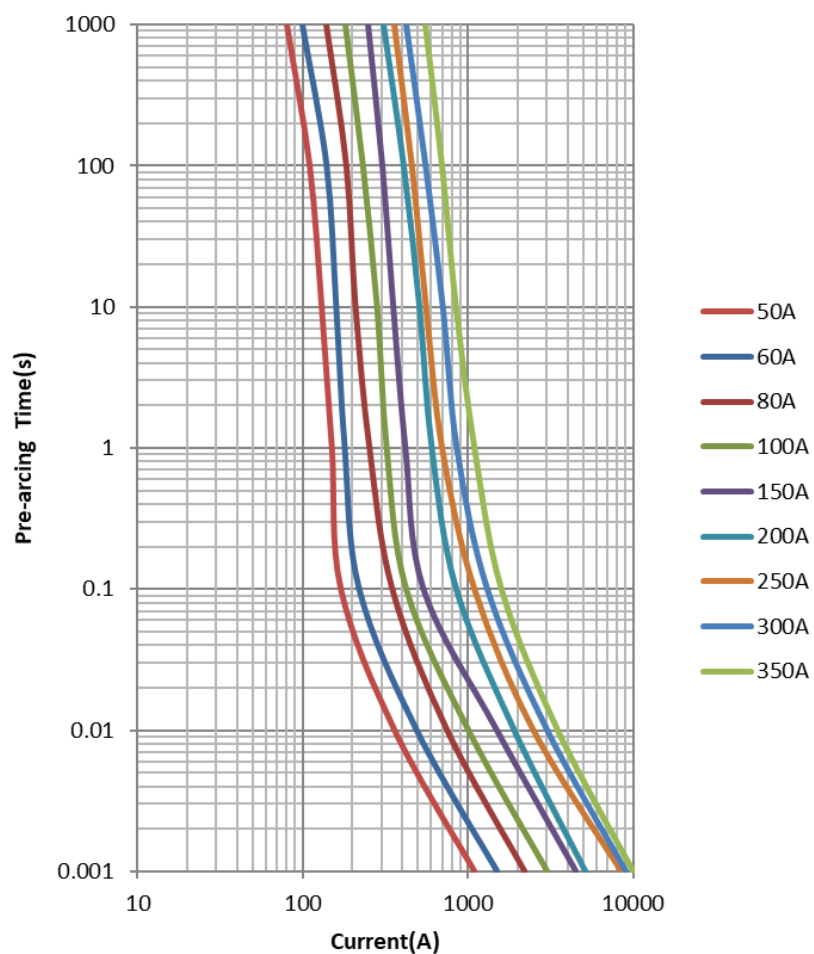
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Curves

Average Clear-Time Curves



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

Packaging and Storage

Storage condition:

Temperature 25, humidity 35%-65%.

Packaging Data

Minimum package for: 165 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

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