

October 2017

## PRODUCT FEATURES

- ¶ Ultrafast Recovery Time
- ¶ Low Recovery Loss
- ¶ Soft Reverse Recovery Characteristics
- ¶ Low Leakage Current
- ¶ Low Forward Voltage
- ¶ High Surge Current Capability

## APPLICATIONS

- ¶ Freewheeling, Snubber, Clamp
- ¶ Inversion Welder
- ¶ PFC
- ¶ Plating Power Supply
- ¶ Ultrasonic Cleaner and Welder
- ¶ Converter & Chopper
- ¶ UPS

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## DESCRIPTION

FRED from MacMic utilizes advanced processing techniques to achieve ultrafast recovery times and higher forward current. Its soft recovery characteristics and high reliability suit for wide industrial applications.

## ABSOLUTE MAXIMUM RATINGS (T<sub>C</sub>=25°C unless otherwise specified)

Symbol	Parameter/Test Conditions	Values	Unit
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W

Nm  
/W

g

Unit



MM30FU120B