

PRODUCT FEATURES

- ¶ Ultrafast Recovery Time
- ¶ Low Recovery Loss
- ¶ Soft Reverse Recovery Characteristics
- ¶ Low Leakage Current
- ¶ Low Forward Voltage
- ¶ High Surge Current Capability
- ¶ Freewheeling, Snubber, Clamp
- ¶ Inversion Welder
- ¶ PFC
- ¶ Plating Power Supply
- ¶ Ultrasonic Cleaner and Welder
- ¶ Converter & Chopper
- ¶ UPS

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 ($T_C=25^{\circ}\text{C}$ unless otherwise specified)

Symbol	Parameter/Test Conditions	Values	Unit
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MM8FU120K

I_F (A)

Z_{thJC} (K/W)

T_c ()

Rectangular Pulse Duration (s)