

## Schottky Rectifier Modules

VRRM 200V  
IFAV 100 A h 2

### Applications

- y Plating Power Supply
- y High Frequency Power Supply
- y High Current Switching Power Supply
- y Reverse Battery Protection
- y Welding Machine

### Features

- y 2 Independent In 1 Package
- y High Frequency Operation
- y Low Forward Voltage
- y Dual Diode Construction; May be Paralleled for High Current Output
- y Designed and qualified for industrial level

### Maximum Ratings

Symbol	Conditions	Values	Units
$V_R$		200	V
$I_{F(AV)}$	$T_C=125^\circ\text{C}$ , Per Leg	100	A
	$T_C=125^\circ\text{C}$ , Per Module	200	A
$I_{FSM}$	1/2 Cycle, 60Hz, Sine	1500	A
$I^2t$	$T_J=45^\circ\text{C}$ , $t=8.3\text{ms}$ , 60Hz, Sine	11250	$\text{A}^2\text{s}$
$T_J$		-40 to +150	$^\circ\text{C}$
$T_{STG}$		-40 to +150	$^\circ\text{C}$
Visol	3000V AC 1min	1	mA
Torque	To Sink RecommendedHM4H	0.6~1.2	N·m
Torque	To Terminal RecommendedHM4H	0.6~1.1	N·m
Weight		27	g

### Thermal Characteristics

Symbol	Conditions	Values	Units
$R_{th(j-c)}$	Per diode	0.32	/W

### Electrical Characteristics

# MB200DU02FJ

Package Outline Information

CASE: FJ

*YJ*

Dimensions in mm