

Schottky Rectifier Modules

V_{RRM} 200V
I_{FAV} 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°C, Per Leg	100	A
	T _C =125°C, Per Module	200	A
I _{FSM}	1/2 Cycle , 60Hz, Sine	1500	A
I ² t	T _J =45°C, t=8.3ms, 60Hz, Sine	11250	A ² s
T _J		-40 to +150	°C
T _{STG}		-40 to +150	°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