5 é / Descriptions

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Schottky Barrier Diode in a TO-220 Plastic Package, Adopt new mold.

¤ ª / Features

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Low power loss, high efficiency, HF product.

Đ ÷ / Applications

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For use in low voltage,high frequency inverters, free wheeling, and polarity protection applications.

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PIN1 ÖAnode PIN 2 ÖCathode PIN 3 ÖAnode

, M V / Marking

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See Marking Instructions.

Ã a ? d / Absolute Maximum Ratings(Ta=25 ;)

@ ƒ Parameter	… Z Symbol	ƒ › Rating	% y Unit
Peak Repetitive Reverse Voltage	V_{RRM}	200	V
Working Peak Reverse Voltage	V_{RWM}	200	V
Average Rectified Output Current @60Hz sine wave,R-load, Ta=25	I_O	20	A
Non-Repetitive Peak Forward Surge Current	I_{FSM}	150	A
Current Squared Time @1ms 0 t<8.3ms Tj=25	I^2T	94	A æS
Thermal Resistance Junction to Case	R_{Jc}	2.0	/W
Junction Temperature Range	T_j	175	
Storage Temperature Range	T_{stg}	-55 175	

Ô4ì × ? d / Electrical Characteristics(Ta=25 ;)

@ ƒ Parameter	… Z Symbol	y ¡ Ú ^ Test Conditions	Â 4 › Min	Á º › Typ	Â Ý › Max	% y Unit
Forward Voltage	V_F	I_F =10A(T_j=25)			0.95	V
Instantaneous Reverse Current	I_R	V_R=200V(T_j=25)			0.1	mA
		V_R=200V(T_j=125)			20	mA

Ô ? d • Ž ¢ / Electrical Characteristic Curve

Ø ¤ =) ¢ / Package Dimensions

Dimensions in millimeters (1mm =0.0394")

, M y ƒ / Marking Instructions

BR
CT ****
MBR20200

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Note:

BR:	Company Code
MBR20200 y	Product Type Code
CT:	Internal Structure
****:	Lot No. Code, code change with Lot No