

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.

④ ã ¢ d / Absolute Maximum Ratings(Ta=25 ºC ;)

@ f Parameter	... Z Symbol	f > 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	I²T	94	A s
Thermal Resistance Junction to Case	R _{Jc}	2.0	/W
Junction Temperature Range	T _j	175	
Storage Temperature Range	T _{stg}	-55 175	

④ ì ¢ d / Electrical Characteristics(Ta=25 ºC ;)

@ f Parameter	... Z Symbol	y ì Ú ^ Test Conditions	Â 4 > Min	Á ° > Typ	Â Ý > Max	% y Unit
Forward Voltage	V _F	I _F =10A(T _j =25 ºC)			0.95	V
Instantaneous Reverse Current	I _R	V _R =200V(T _j =25 ºC)			0.1	mA
		V _R =200V(T _j =125 ºC)			20	mA

Ô ? d • Ž ¢ / Electrical Characteristic Curve

Ø □ =) ¢ / Package Dimensions

Dimensions in millimeters (1mm =0.0394")

, M y f / 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

