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TO-252

Schottky Barrier Diode in a TO-252 Plastic Package.

Low power loss, high efficiency, HF Product.

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



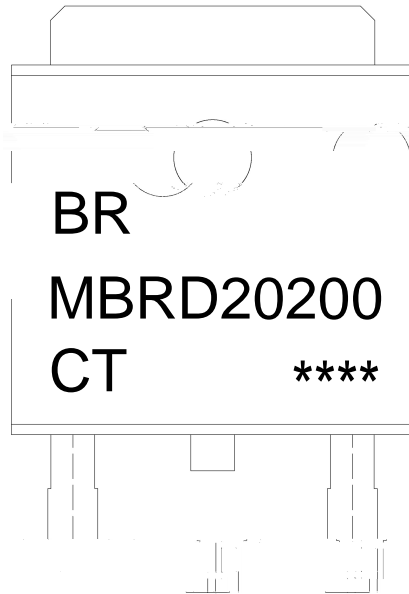
Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage	$V_{RRM}$	200	V
Working Peak Reverse Voltage	$V_{RWM}$	200	V
Peak Repetitive Forward Current	$I_{FRM}$	20	A
Average Rectified Forward Current	$I_{F(AV)}$	10	A
	$I_{F(AV)}^{(total)}$	20	A
Non-Repetitive Peak Forward Surge Current	$I_{FSM}$	150	A
Repetitive Peak Reverse Surge Current	$I_{RRM}$	1.0	A
Thermal Resistance Junction to Case	$R_{Jc}$	2.0	$^{\circ}C/W$
Junction Temperature Range	$T_j$	150	$^{\circ}C$
Storage Temperature Range	$T_{stg}$	-65 150	$^{\circ}C$

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Forward Voltage	$V_F$	$I_F = 10A(T_j = 25^{\circ}C)$		0.8	0.9	V
		$I_F = 10A(T_j = 125^{\circ}C)$		0.66	0.8	V
		$I_F = 20A(T_j = 25^{\circ}C)$		0.89	1.0	V
		$I_F = 20A(T_j = 125^{\circ}C)$		0.76	0.9	V
Instantaneous Reverse Current	$I_R$	$V_R = 200V(T_j = 25^{\circ}C)$			1.0	mA
		$V_R = 200V(T_j = 125^{\circ}C)$		0.4	50	mA
Voltage Rate of Change	dv/dt				10000	V/ $\mu$ s

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http://.

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BR  
MBRD20200  
CT:  
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Note:

BR:	Company Code
MBRD20200	Product Type
CT:	Internal Structure
****:	Lot No. Code, code change with Lot No

