

MBRB20100CT

@ f Parameter	... Z Symbol	f > Rating	% y Unit
Peak Repetitive Reverse Voltage	V_{RRM}	100	V
Working Peak Reverse Voltage	V_{RWM}	100	V
Peak Repetitive Forward Current	I_{FRM}	20	A
Average Rectified Forward Current	$I_{F(AV)}$	10	A
	$I_{F(AV)} \text{ \AA total A}$	20	A
Non Repetitive Peak Surge Current	I_{FSM}	150	A
Peak Repetitive Reverse Surge Current	I_{RRM}	0.5	A
Thermal Resistance Junction to Case	R_{JC}	2.0	/W
Junction Temperature Range	T_j	175	
Storage Temperature Range	T_{stg}	-55 175	

@ f Parameter	... Z Symbol	y i Ú ^ Test Conditions	Â 4 > Min	Á ° > Typ	Â Ý > Max	% y Unit
Peak Forward Voltage	V_{FM}	$I_F = 10A(T_C = 25^\circ C)$			0.85	V
		$I_F = 10A(T_C = 125^\circ C)$			0.7	V
		$I_F = 20A(T_C = 25^\circ C)$			0.95	V
		$I_F = 20A(T_C = 125^\circ C)$			0.85	V

Ô ? d • Ž ¢ / Electrical Characteristic Curve

Ø □ =) ¢ / Package Dimensions

, M y f / Marking Instructions

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) : Ä B È ã
y ÿ D Z W A k š ÿ D Z J

Note:
BR: Company Code
MBRB20100 y Product Type Code
CT: Internal Structure
****: Lot No. Code, code change with Lot No.

šWD t...•Žč (x/) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6

^ačy

1o• Ä ½ “ † 150 ½180 - k ž • 60 ½90sec;

2o• Q > “ † 245 r5 - k ž • 4 Ò 5 r0.5sec;

3o•D N ò i Ò 0 , † 2 ½10 - /sec.

Note:

1.Preheating:150~180 - , Time:60~90sec.

2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.

3.