

MBRD20150CT

Rev.A Jul.-2016

/ Descriptions

TO-252

Schottky Diode in a TO-252 Plastic Package.

/ Features

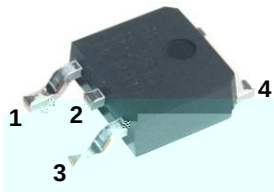
Low power loss, high efficiency.

/ Applications

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

/ Equivalent Circuit

/ Pinning



PIN1 Anode

PIN 2,4 Cathode

PIN 3 Anode

/ h_{FE} Classifications & Marking

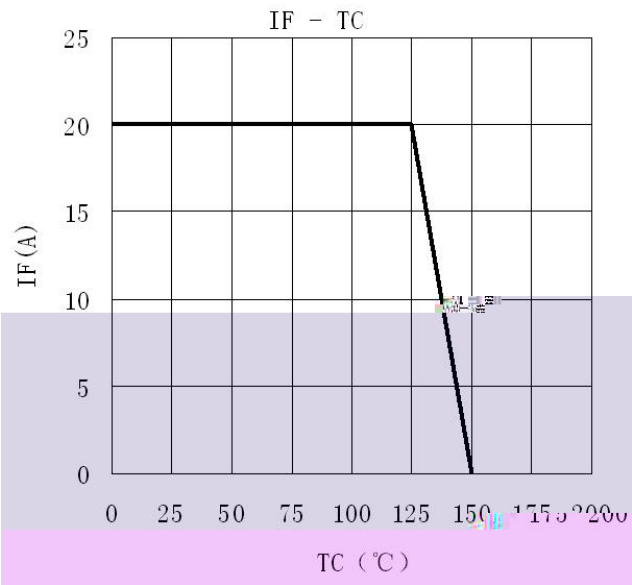
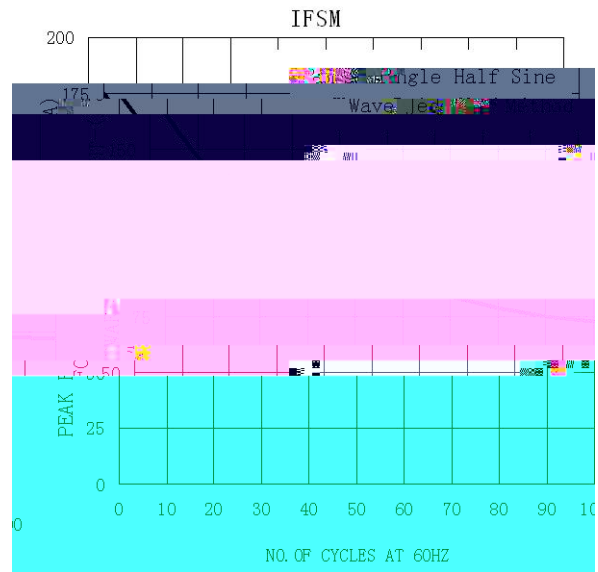
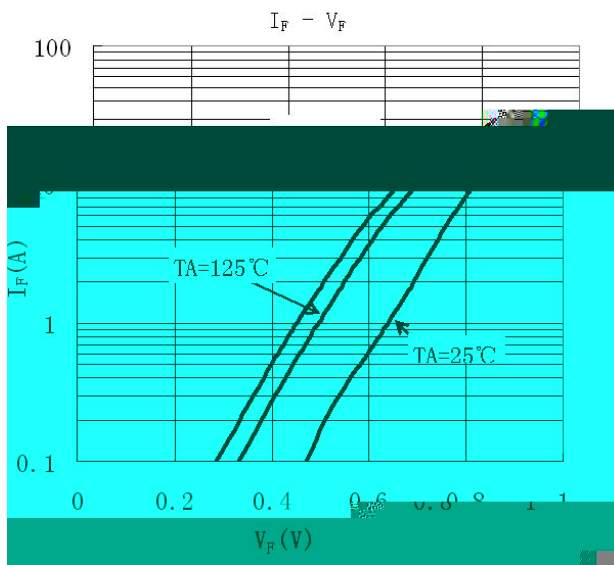
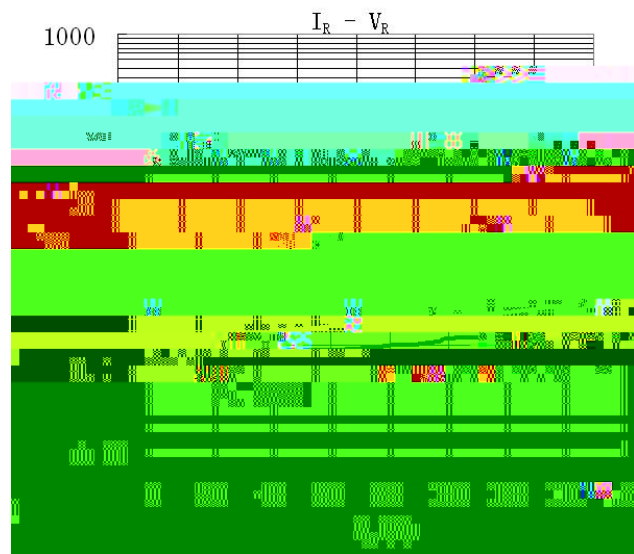
See Marking Instructions.

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Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	V_{RRM} V_{RWM} V_{RM}	150	V
RMS Reverse Voltage	$V_{R(RMS)}$	105	V
Average Rectified Forward Current	$I_{F(AV)}(\text{per leg})$	10	A
	$I_{F(AV)} \text{ total}$	20	A
Non-Repetitive Peak Forward Surge Current	IRWM		

/ Electrical Characteristic Curve



/ Marking Instructions



BR

MBRD20150

CT:

Note:

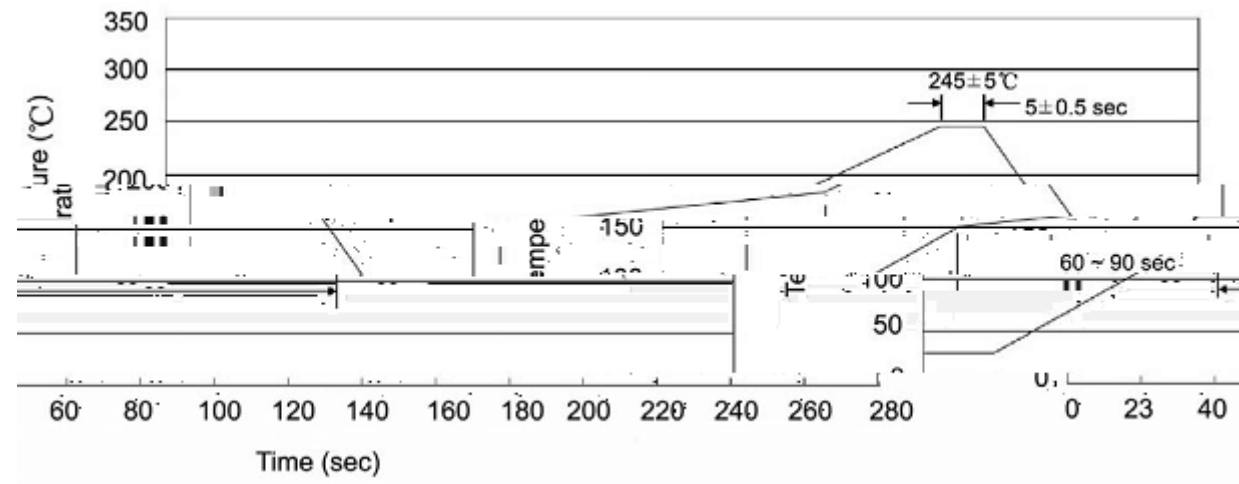
BR: Company Code

MBRD20150 Product Type.

CT: Internal Structure

****: Lot No. Code, code change with Lot No.

() / Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- 1

25 150

60 90sec;
- 2

245±5
- 1.Preheating:25~150 , Time:60~90sec.

25 245 r