

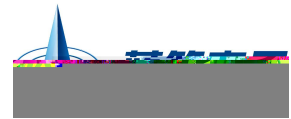
MBR20H100CT

Rev. I Aug.-2021

DATA SHEET

MBR20H100CT

Rev.1 Aug.-2021



DATA SHEET

/ Descriptions

TO-220

Schottky Barrier Diode in a TO-220 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



Pin 1 Anode Pin 2 Cathode Pin 3 Anode

/ h_{FE} Classifications & Marking

See Marking Instructions.

Parameter

Symbol

Rating

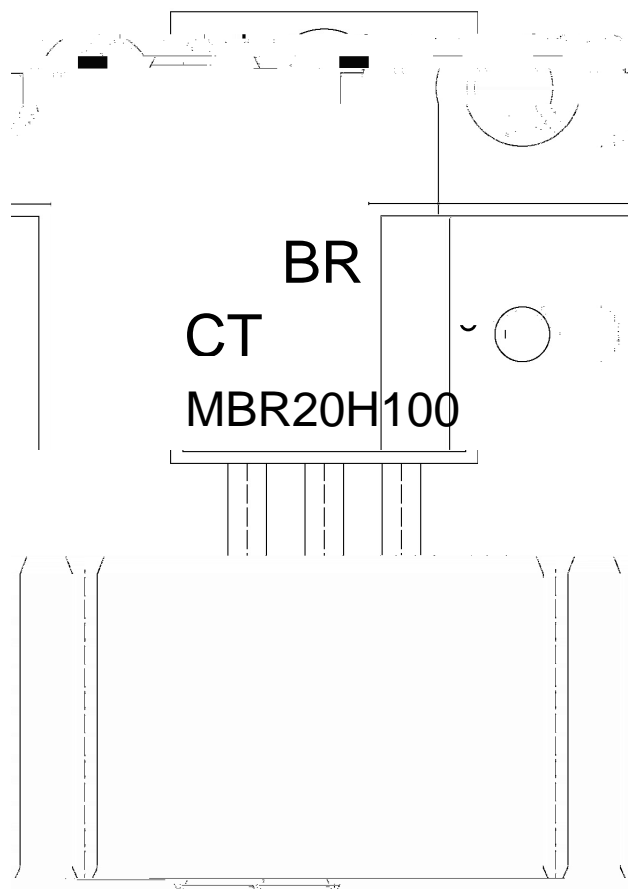
Unit

/ Electrical Characteristic Curve





/ Marking Instructions



BR

MBR20H100

CT:

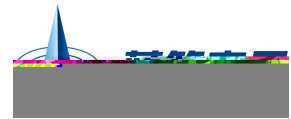
Note:

BR: Company Code

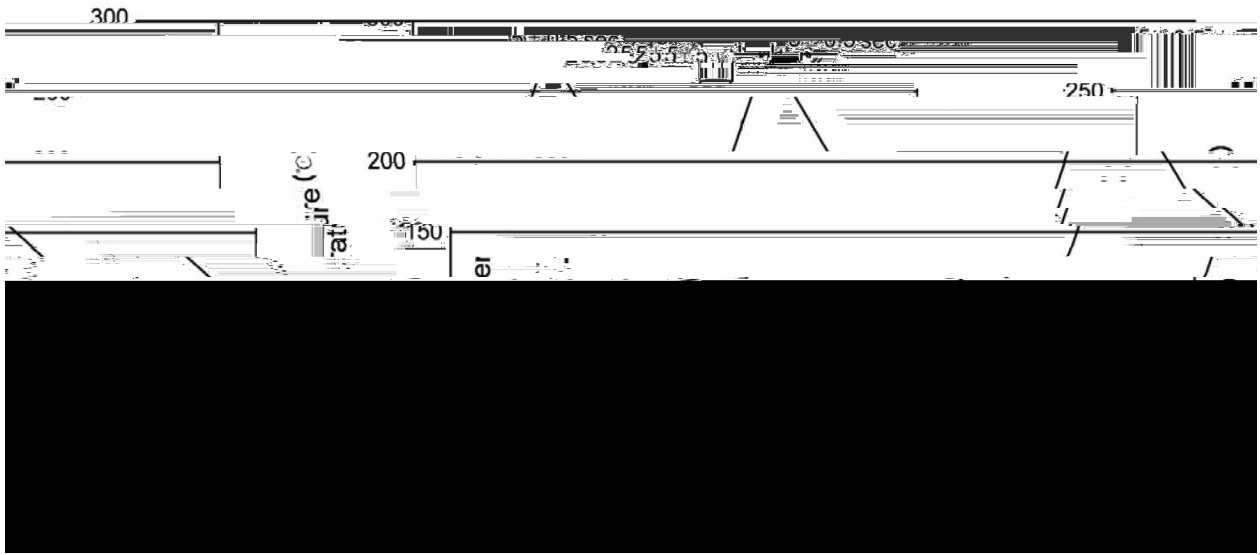
MBR20H100 Product Type.

CT: Internal Structure

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



() / Temperature Profile for Dip Soldering(Pb-Free)



Note:

- | | | | | | |
|---|-------|-----|-----------|--------|--|
| 1 | 25 | 150 | 60 | 90sec; | 1.Preheating:25~150°C, Time:60~90sec. |
| 2 | 255±5 | | 5±0.5sec; | | 2.Peak Temp.:255±5°C, Duration:5±0.5sec. |
| 3 | | 2 | 10°C/sec. | | 3. Cooling Speed: 2~10°C/sec. |

/ Resistance to Soldering Heat Test Conditions

270±5°C 10±1 sec. Temp.:270±5°C Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type 封	Units				Dimension (unit mm ³)		
	袋	袋/盒	只/盒	只/盒	mm	mm	mm
MBR20H100CT	1000	100	100	100	10	10	10