

## / Descriptions

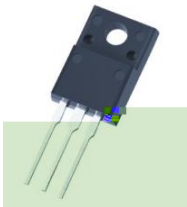
TO-220F

Schottky Diode in a TO-220F Plastic Package.

## / Features

Low power loss,high efficiency.

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



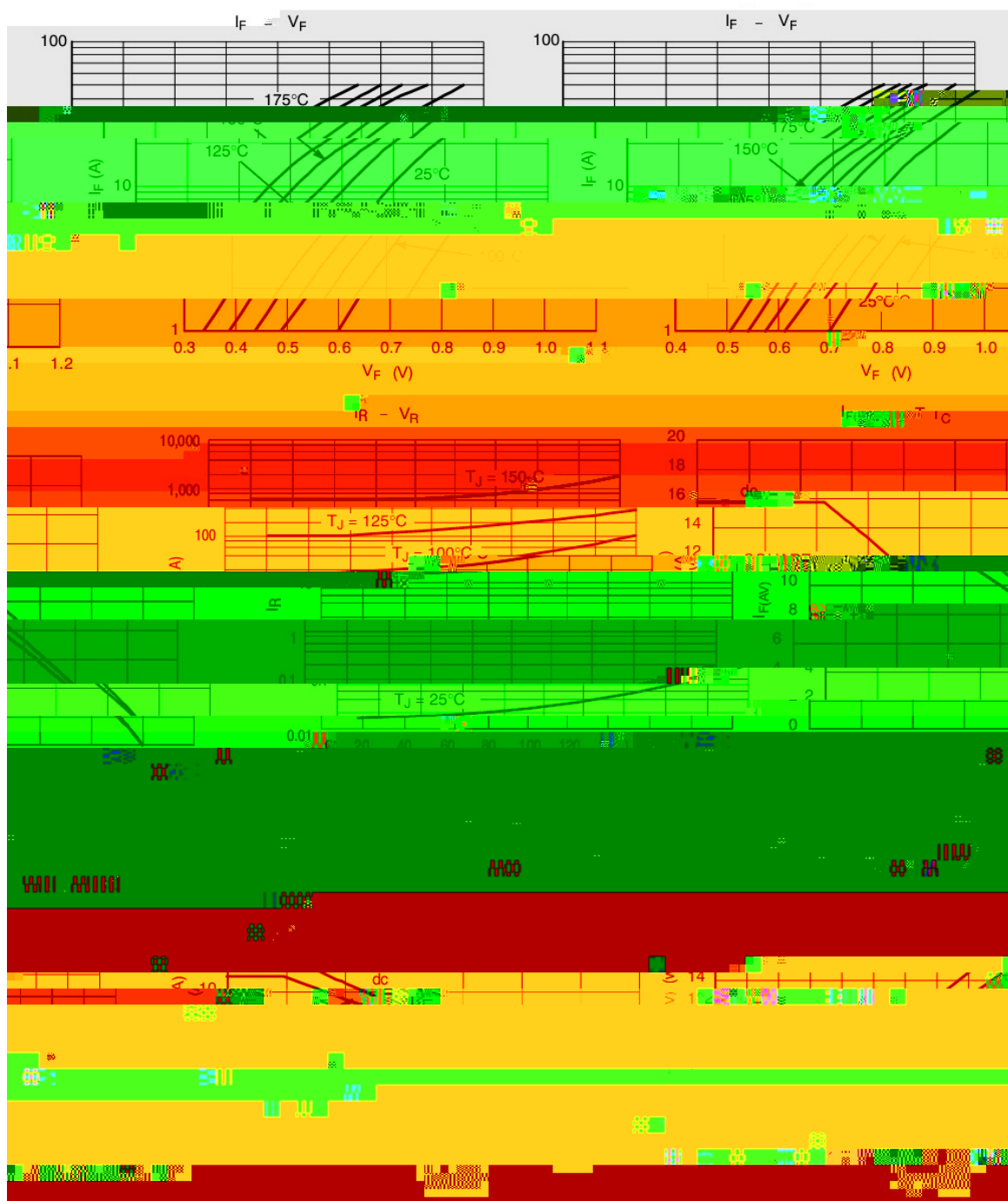
PIN1 Anode      PIN 2 Cathode      PIN 3 Anode

## / $h_{FE}$ Classifications & Marking

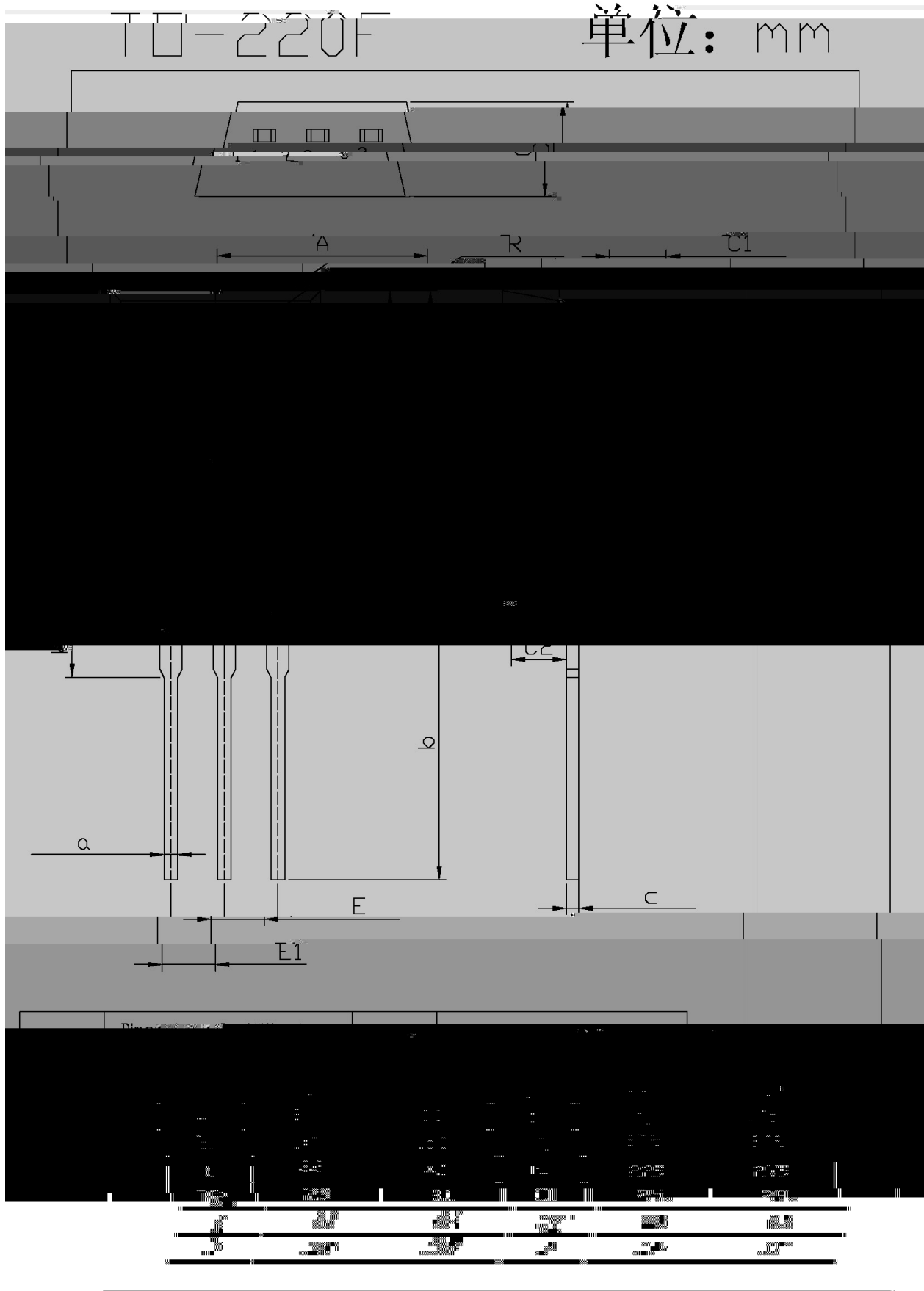
See Marking Instructions.

| Parameter                       | Symbol | Rating | Unit |
|---------------------------------|--------|--------|------|
| Peak Repetitive Reverse Voltage | V      |        |      |

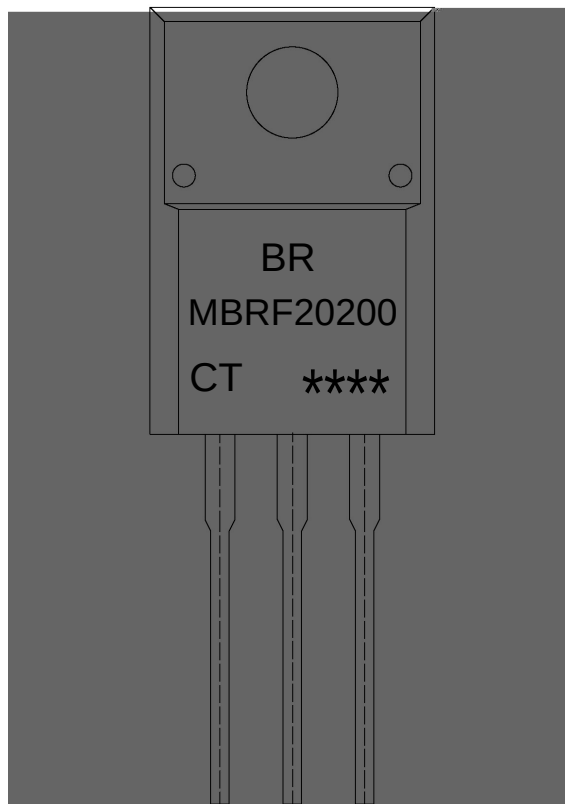
/ Electrical Characteristic Curve



/ Package Dimensions



## / Marking Instructions



BR

MBRF20200

CT:

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Note:

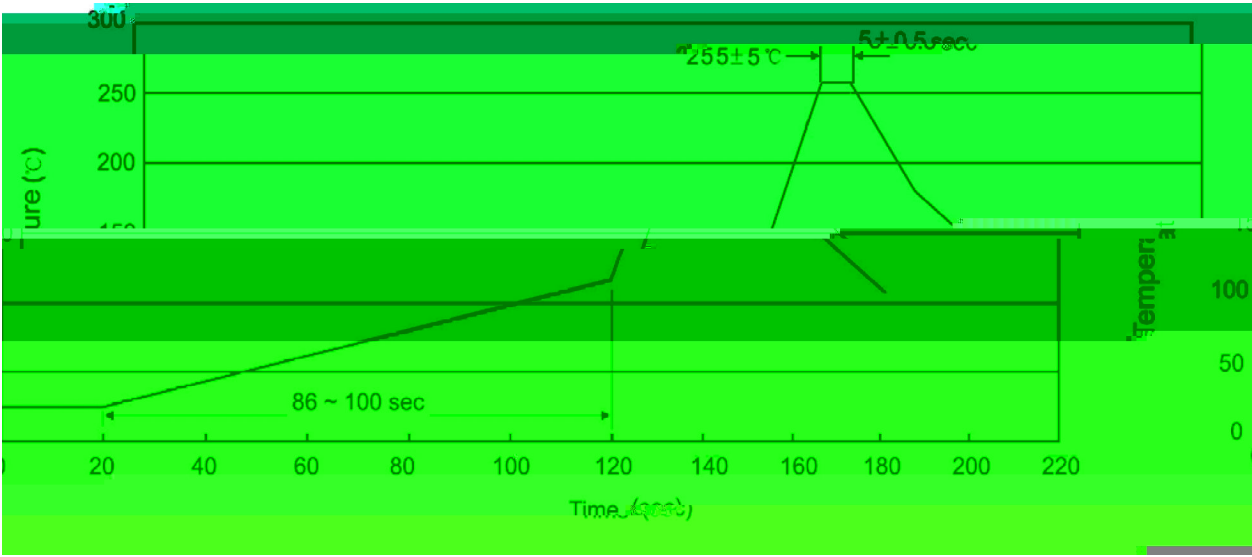
BR: Company Code

MBRF20200: 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;
- 2

255±5

5±0.5sec;
- 3

2 10

/sec.
- 1.Preheating:25~150

, Time:60~90sec.
- 2.Peak Temp.:255±5

, Duration:5±0.5sec.
3. Cooling Speed: 2~10

/sec.

/ Resistance to Soldering Heat Test Conditions

270±5

10±1 sec.

Temp.:270±5

Time:10±1 sec

/ Packaging SPEC.

/ BULK

| Package Type | Units     |                |                 |                       |                 | Dimension |           |           | (unit mm <sup>3</sup> ) |
|--------------|-----------|----------------|-----------------|-----------------------|-----------------|-----------|-----------|-----------|-------------------------|
|              | Units/Bag | Bags/Inner Box | Units/Inner Box | Inner Boxes/Outer Box | Units/Outer Box | Bag       | Inner Box | Outer Box |                         |