

/ 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

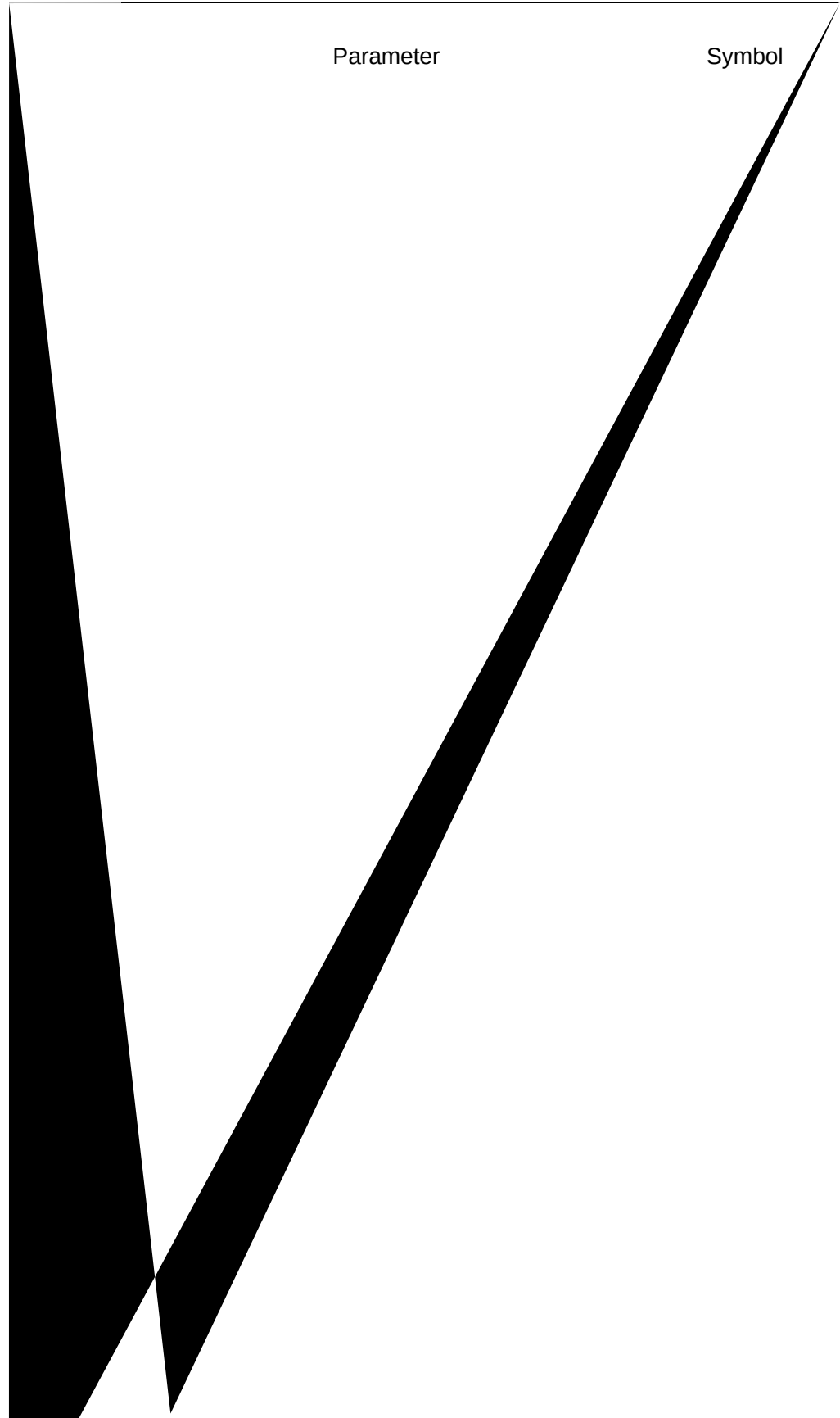
/ Pinning



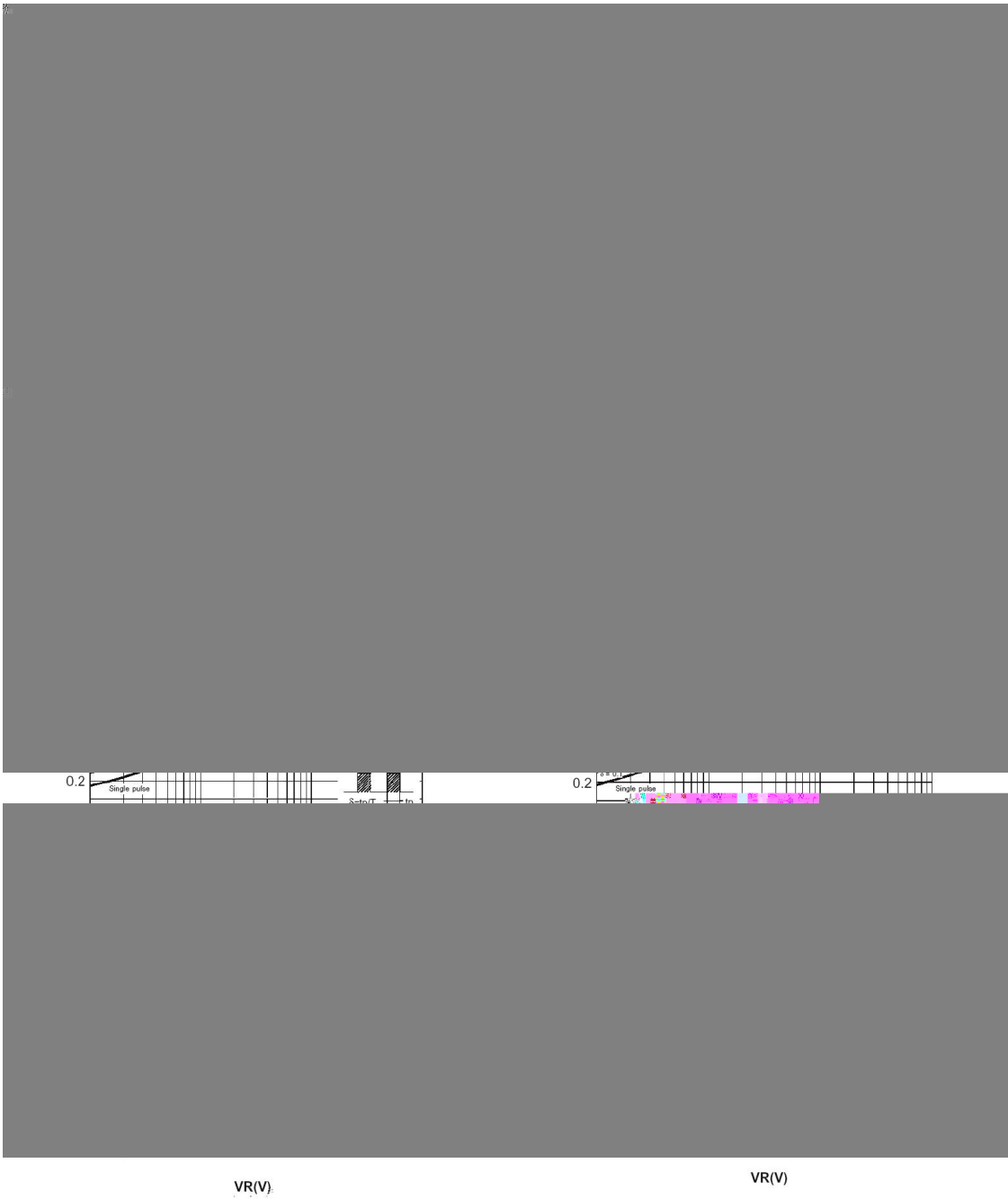
Pin 1 Anode Pin 2 Cathode Pin 3 Anode

/ h_{FE} Classifications & Marking

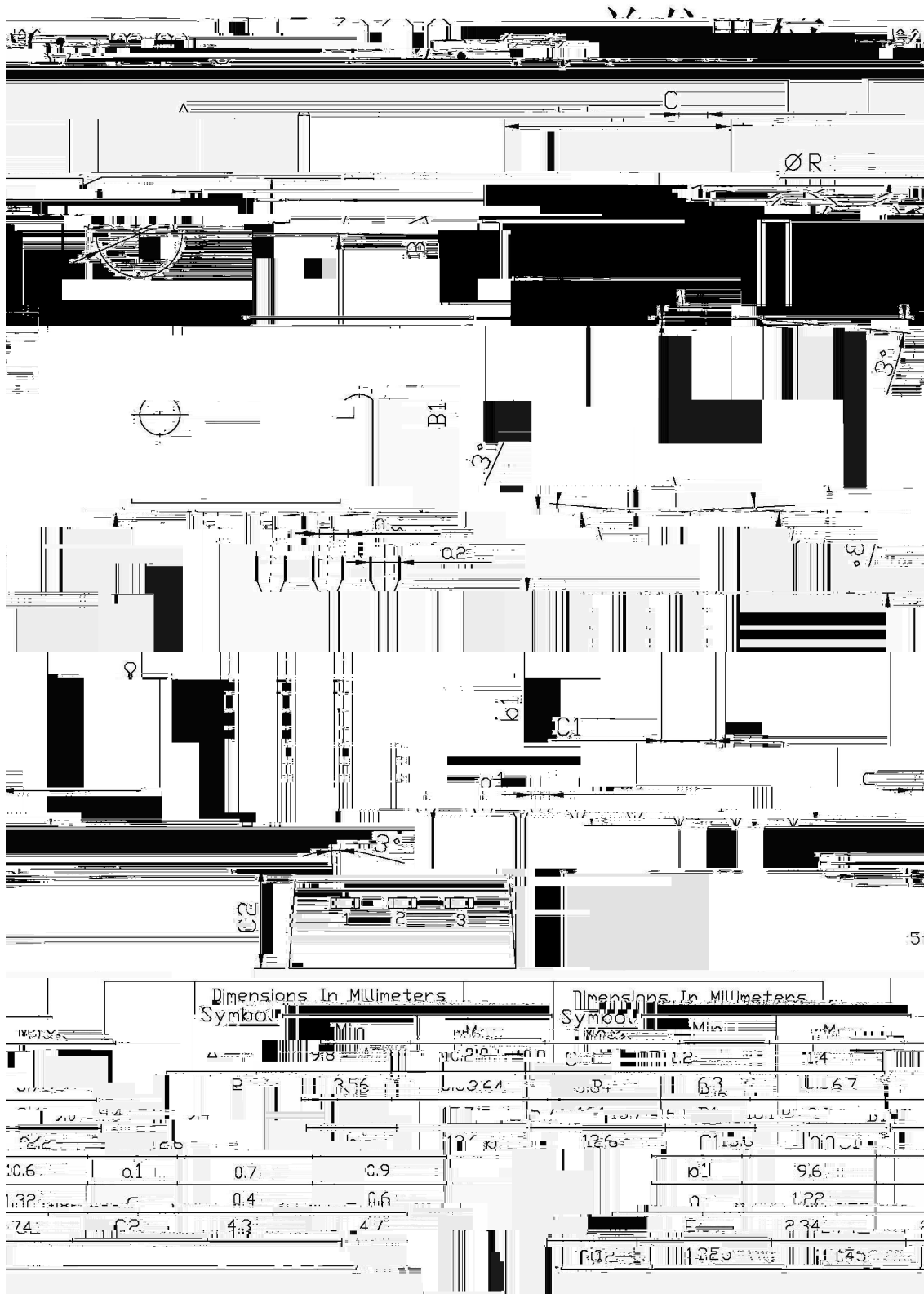
See Marking Instructions.



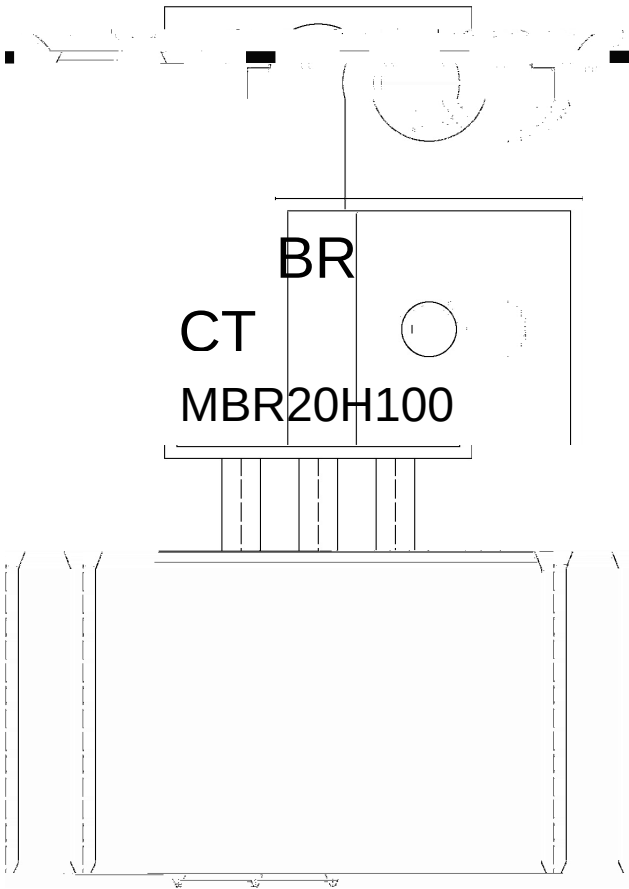
/ Electrical Characteristic Curve



/ Package Dimensions

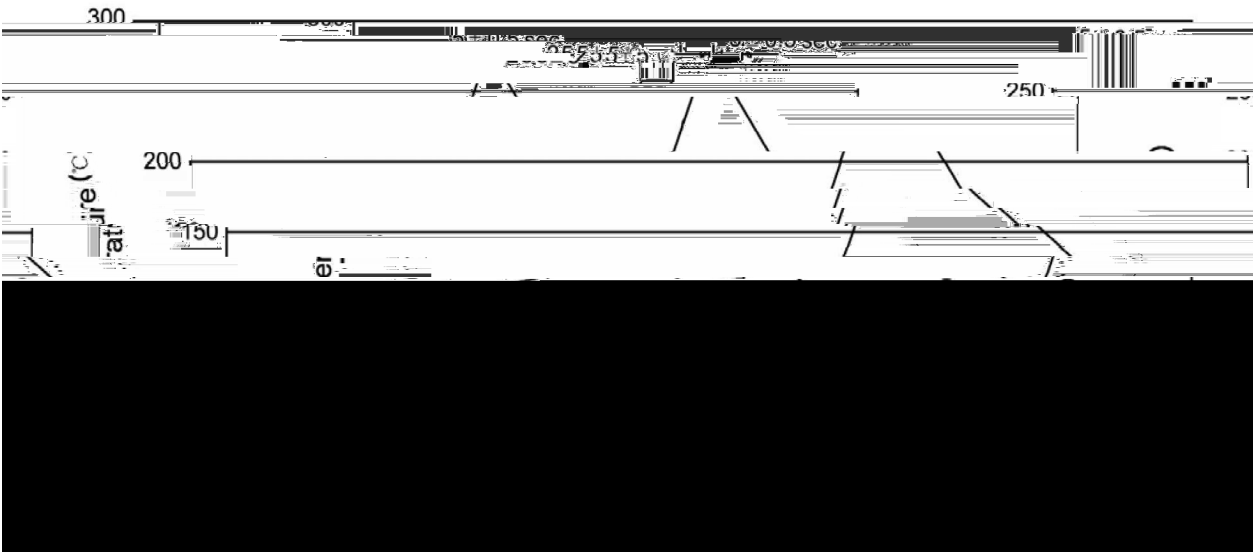


/ Marking Instructions



BR	! " # \$ %
MBR20H100	! & ' ()
CT:	! * + , -
****	! . & /) \$ % 0 1 . & /) 2 3 4
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.Preheating:25~150°C, Time:60~90sec.
 - 2.Peak Temp.:255±5°C, Duration:5±0.5sec.
 - 3. Cooling Speed: 2~10°C/sec.

- 1 25 150 60 90sec;
- 2 255±5 5±0.5sec;
- 3 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	Units					Dimension (unit mm ³)		
	只袋	只袋	只袋	只袋	只袋	只袋	只袋	只袋
0.12234	233							