MBR20H100CT

Rev.I Aug.-2021

DATA SHEET

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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

Plj Anode Plj Cathode Plj Anode

/ h_{FE} Classifications & Marking

See Marking Instructions.

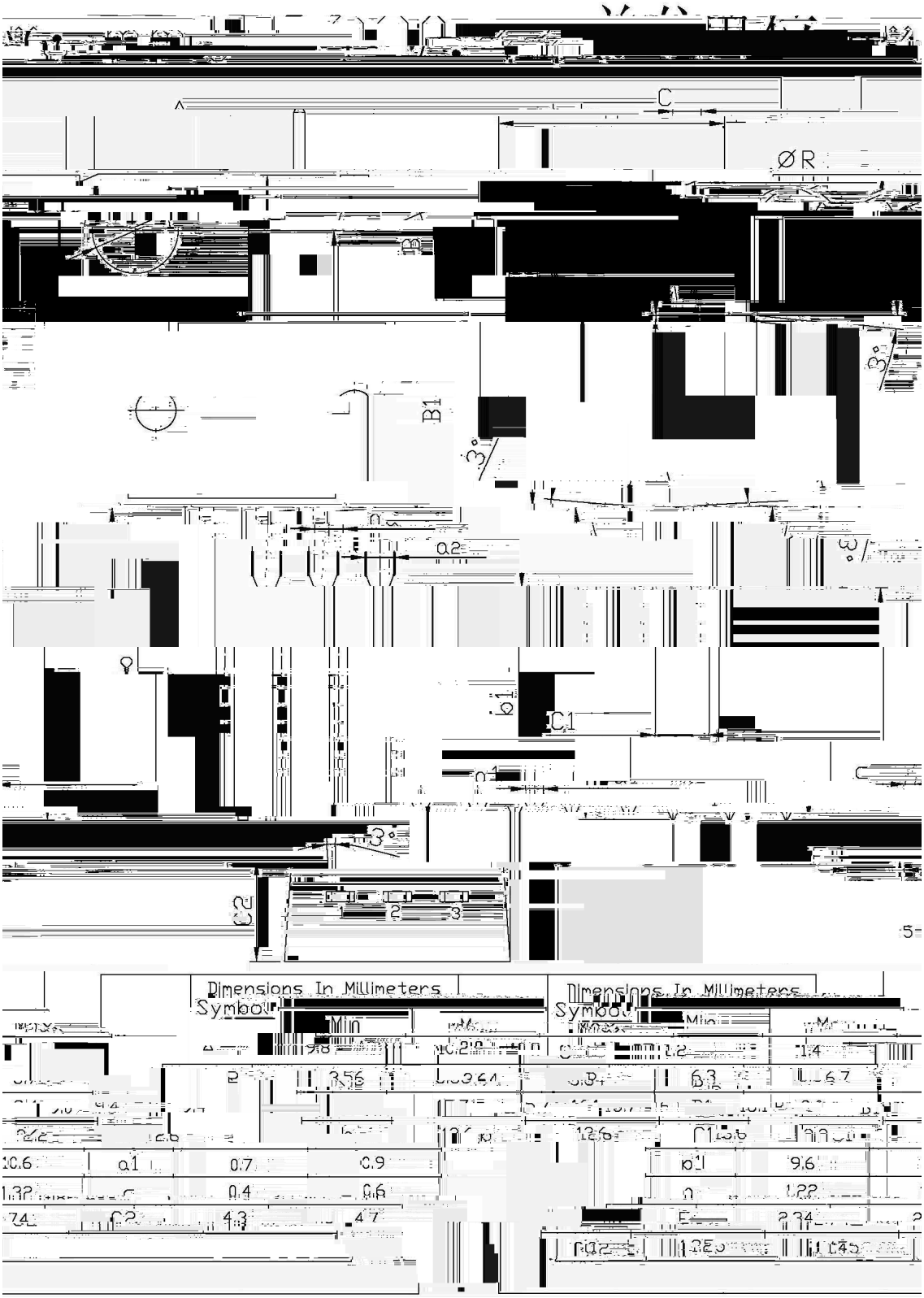
Parameter	Symbol	Rating	Unit

/ Electrical Characteristic Curve

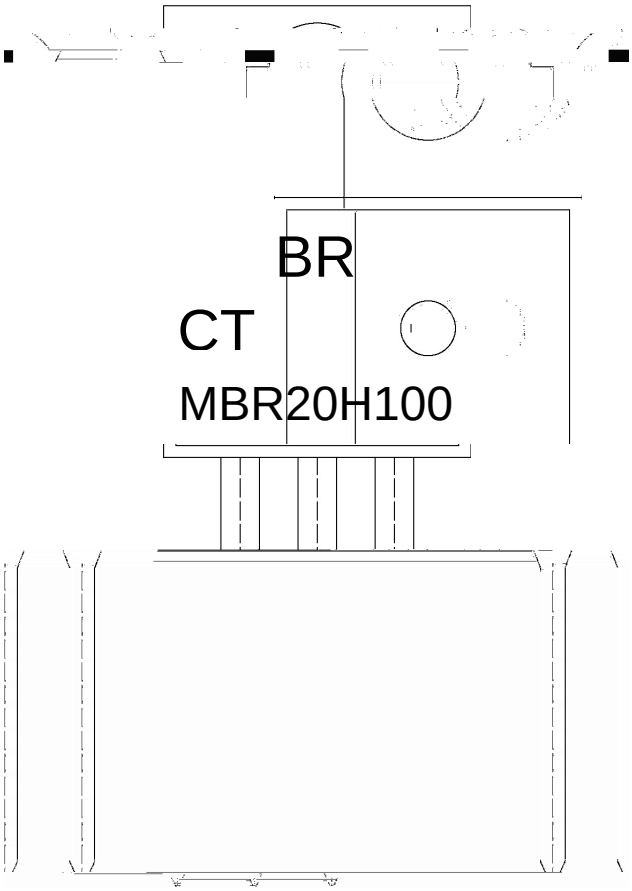
VR(V)

VR(V)

/ Package Dimensions



/ Marking Instructions

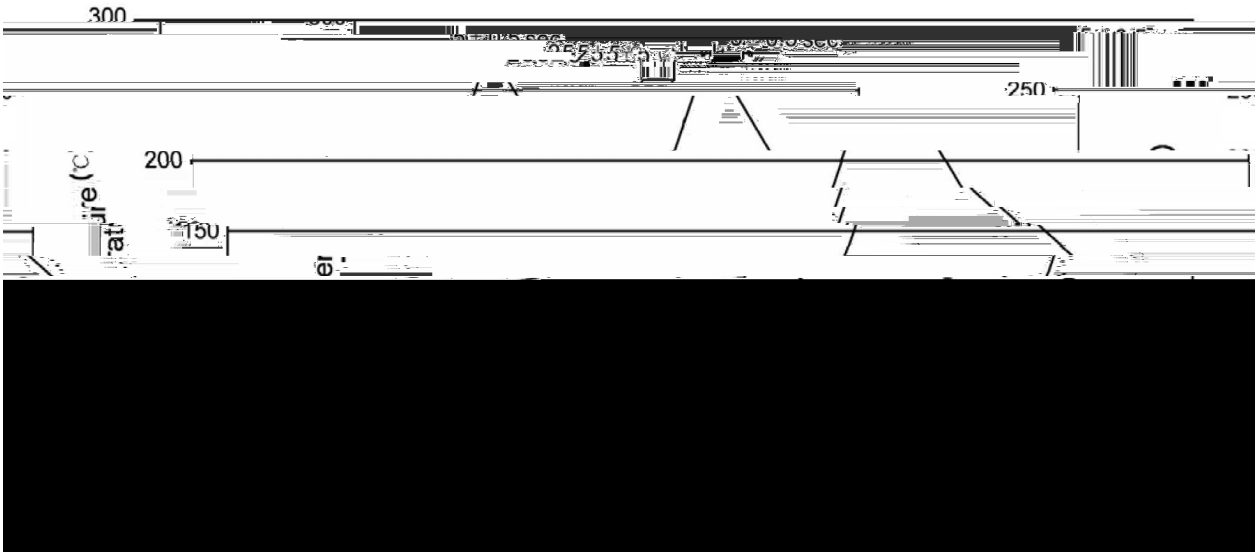


BR	! " # $ %
MBR20H100	! & ' ( )
CT:	! * + , -
****	! . & /) $ % 0 1 . & /) 2 3 4

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		25 150		60 90sec;	1.Preheating:25~150℃, Time:60~90sec.
2		255±5		5±0.5sec;	2.Peak Temp.:255±5℃, Duration:5±0.5sec.
3			2	10℃/sec.	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 封	Units					Dimension		(unit mm³)
	!"#$%&'(只%袋	&'($%)!!*+&,- 袋%盒	!"#$%)!!*+&,- 只%盒	)!!*+&,-*$%./#*+&,- 盒%箱	!"#$%./#*+&,- 只%箱	&'(	)!!*+ 盒封-	./#*+&,-
0.1223%4	233							