/ Descriptions

	! " #	$! % & '	! ( ) % * +	, -	. /
H	2018-10				
A	2022-4-13	all	0 1 2 BR 2 Q 3 4 5) 6 7 8 2 9 : ; < = > ? @ A AEC-Q101 B C D E F G H I J K L 9 : 6 7 %M N H I O, 8 2 P Q B R 3 8 2 S T B U Q	V W	X Y Z

BRMBR20100CTQ

Rev.A Apr.-2022

DATA SHEET

/ Descriptions

TO-220 [\ \ ] ^ 4 _ ` a b c

Schottky Barrier Diode in a TO-220 Plastic Package.

$ % / Features

d e f 3 g h D 3 @ A AEC-Q101 B C D E F G H I 3 P Q ; < c

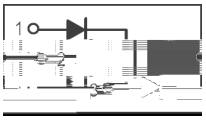
Low power loss, high efficiency, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

& ' / Applications

7 i D j J f k J l m n o n ` a b 3 p n ` a b 3 q r ` a b 3 K L 9 : 6 7 %M N H I c

For use in low voltage,high frequency inverters, free wheeling, and polarity protection applications, Meet the stringent requirements of automotive applications.

( ) * + , - / Equivalent Circuit



. / 0 1 / Pinning



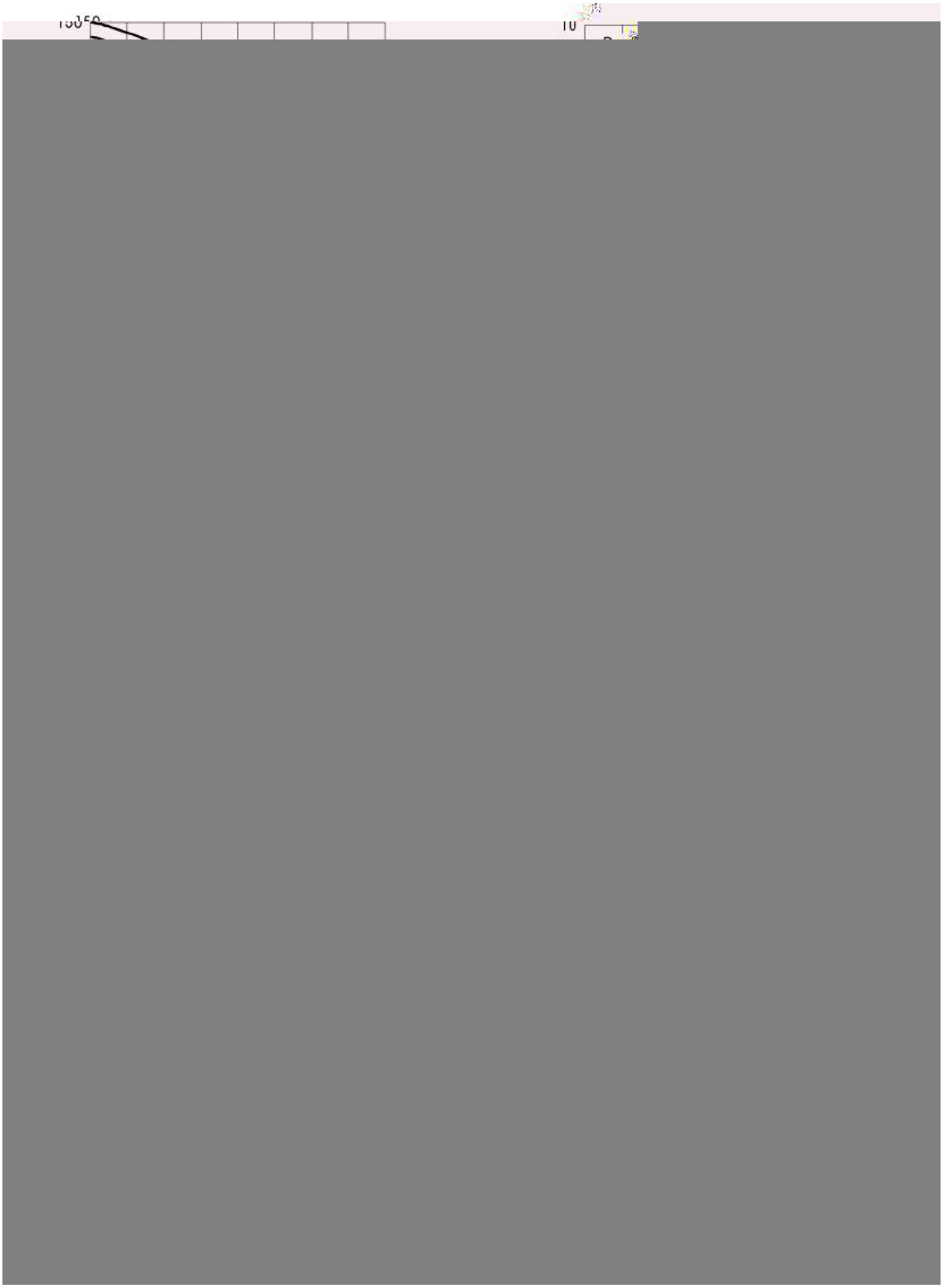
PIN1：Anode PIN 2：Cathode PIN 3：Anode

! " # / Marking

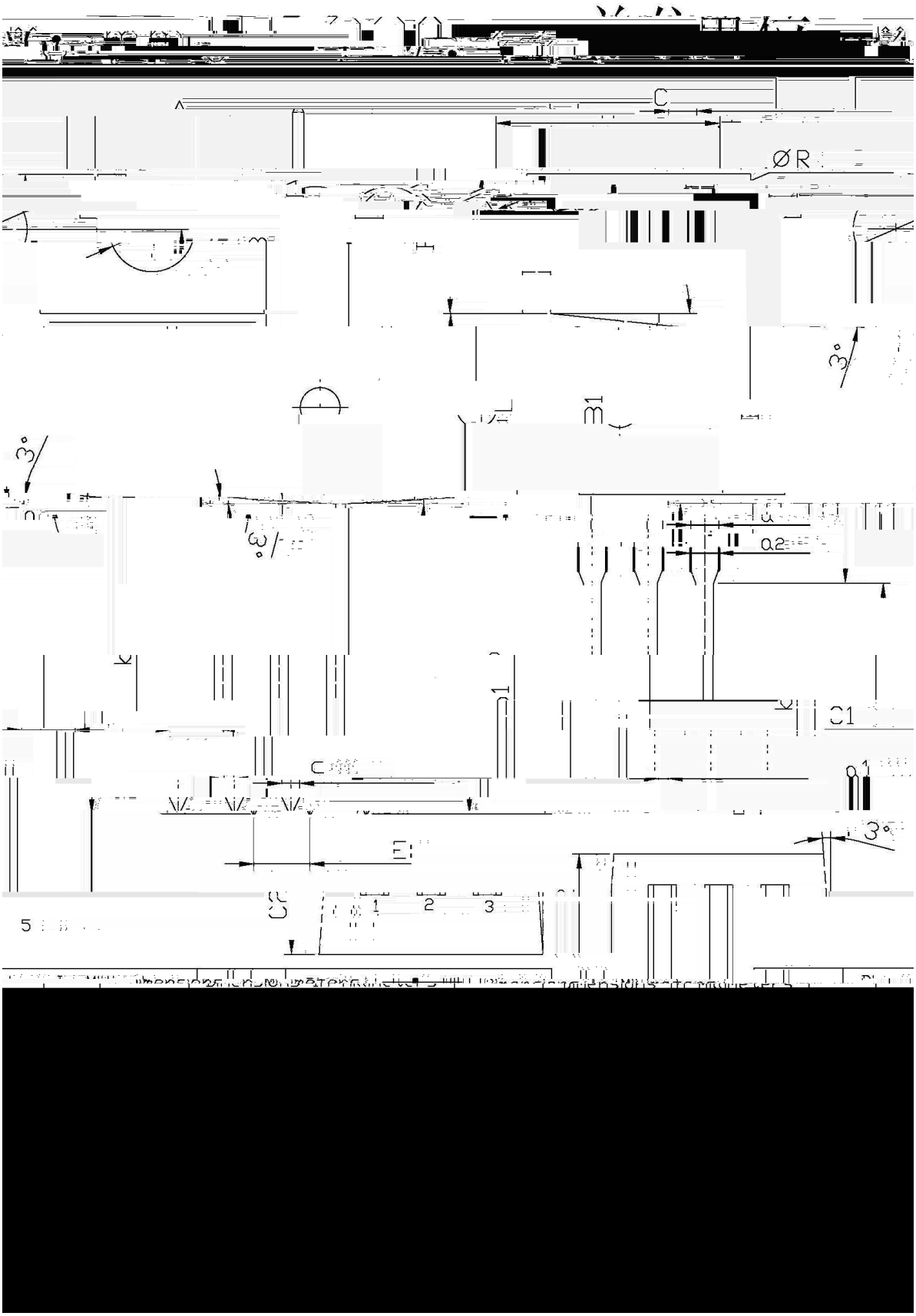
s S T t u c See Marking Instructions

v w Parameter	@ 1 Symbol	w x Rating	y z Unit

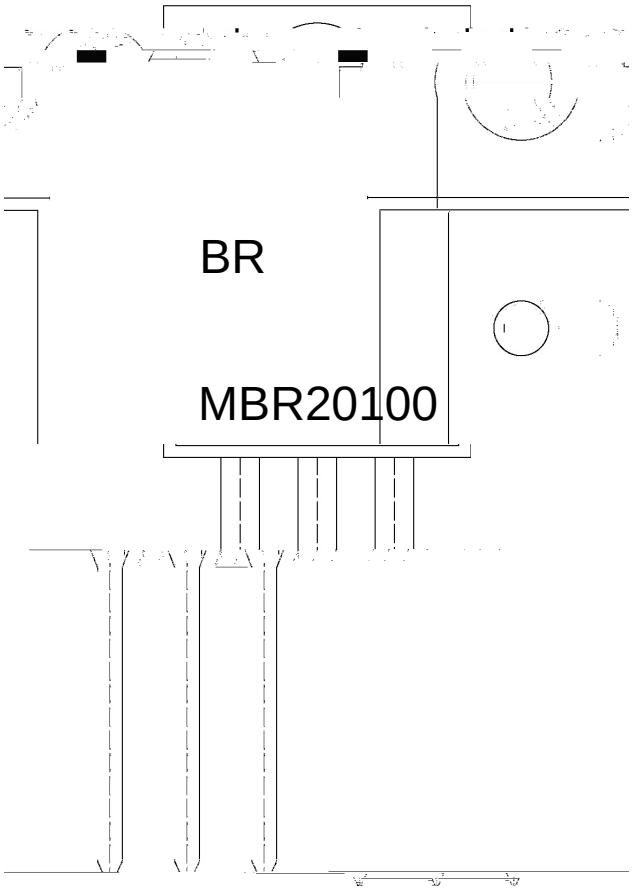
, 4 5 9 : ; / Electrical Characteristic Curve



< = > ? ; / Package Dimensions



! @A / Marking Instructions



BR

Q

MBR20100

CT:

****

Note:

BR:	Company Code
Q:	Automobile halogen-free product Code
MBR20100	Product Type
CT:	Internal Structure
****:	Lot No. Code, code change with Lot No

B C D E F 9 : ; (G H) /