

Rev. A Oct.-2021



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/ Descriptions

TO-263 ! " # \$ % & '
Schottky Barrier Diode in a TO-263 Plastic Package.

/ Features

() * + , - (. / - 0 1 2 3 4 ' 5 6 7 8 '
Low forward voltage drop, low power losses,High efficiency operation. HF Product.

/ Applications

9 : ; < = > ? @ A B C D E F G H \$ % & - 9 : 0 1 2 J K L - M N > O - P Q \$ % & - OR-ing \$
% & - DC-DC R S L T > ? U * G H '
For use in solar cell junction box as a bypass diode for protection,For use in high frequency inverters,
switching power supplies, freewheeling diodes,OR-ing diode, dc-to-dc converters and reverse battery
protection.

/ Equivalent Circuit

/ Pinning



PIN1 V Anode

PIN 2W4 V Cathode

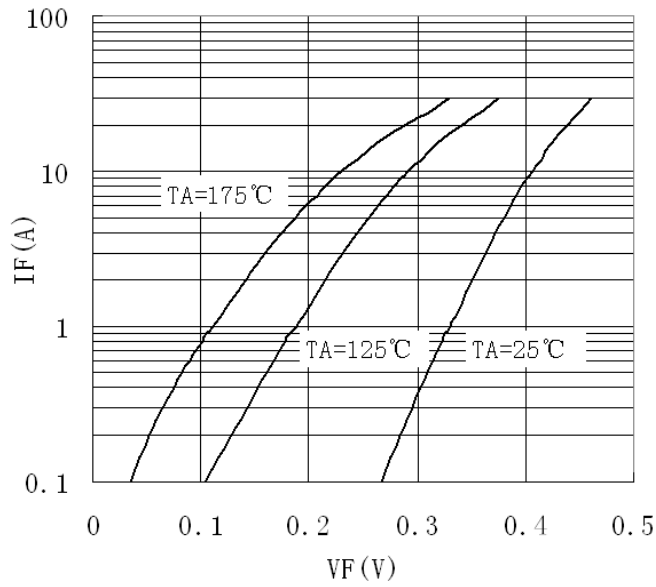
PIN 3 V Anode

/ h_{FE} Classifications & Marking

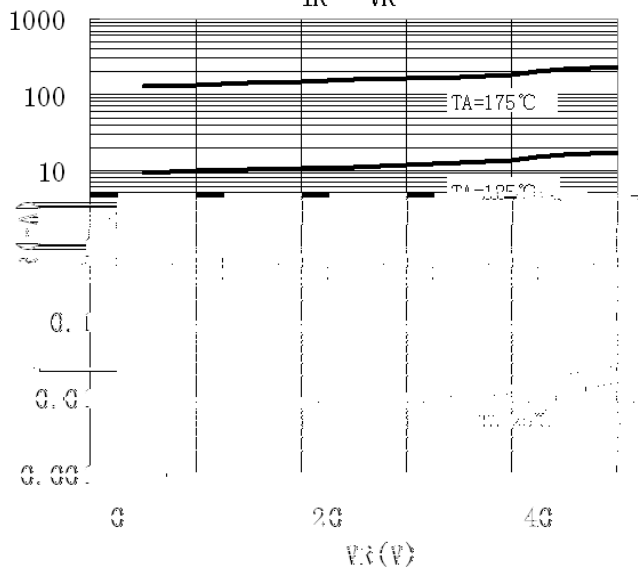
X Y Z [\ ' See Marking Instructions.

/ Electrical Characteristic Curve

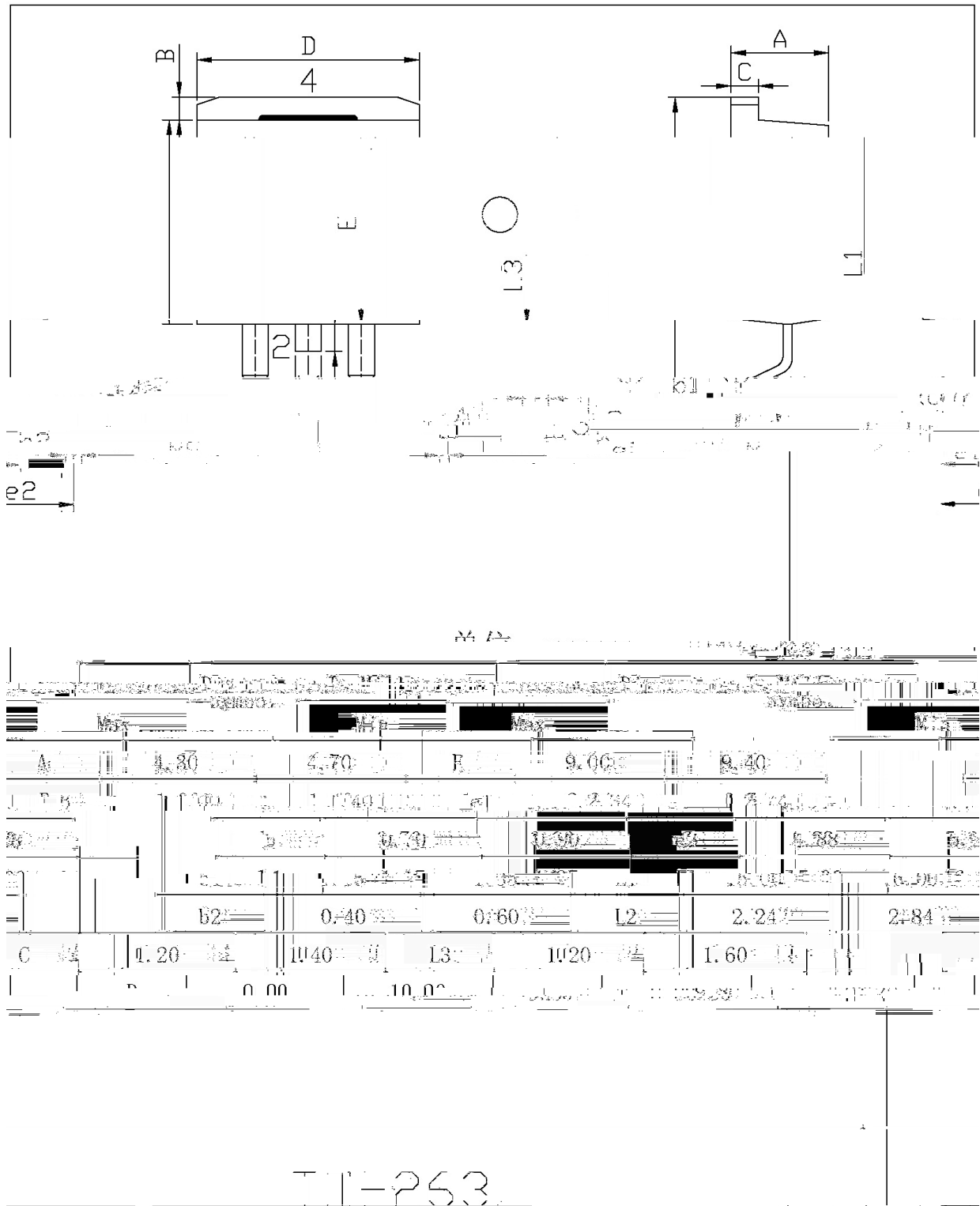
IF - VF



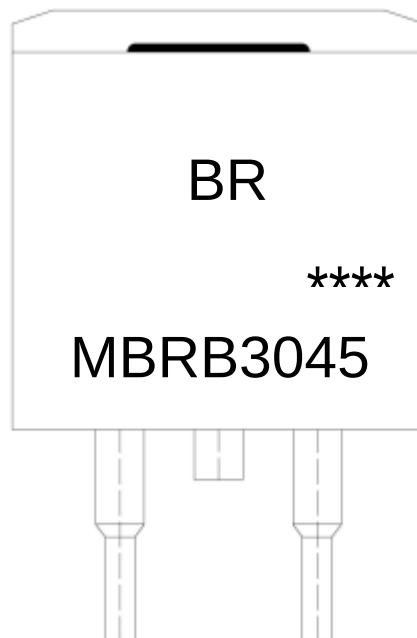
IR - VR



/ Package Dimensions



/ Marking Instructions



BR

MBRB3045

Note:

BR:

Company Code

MBRB3045

Product Type Code.

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Lot No. Code, code change with Lot No.



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