/ Revised record

/ Descriptions

Schottky Barrier Diode in a TO-263 Plastic Package.

/ Features

Low power loss, high efficiency.

/ Applications

/ Equivalent Circuit

/ Pinning



PIN1 Anode PIN 2 4 Cathode PIN 3 Anode

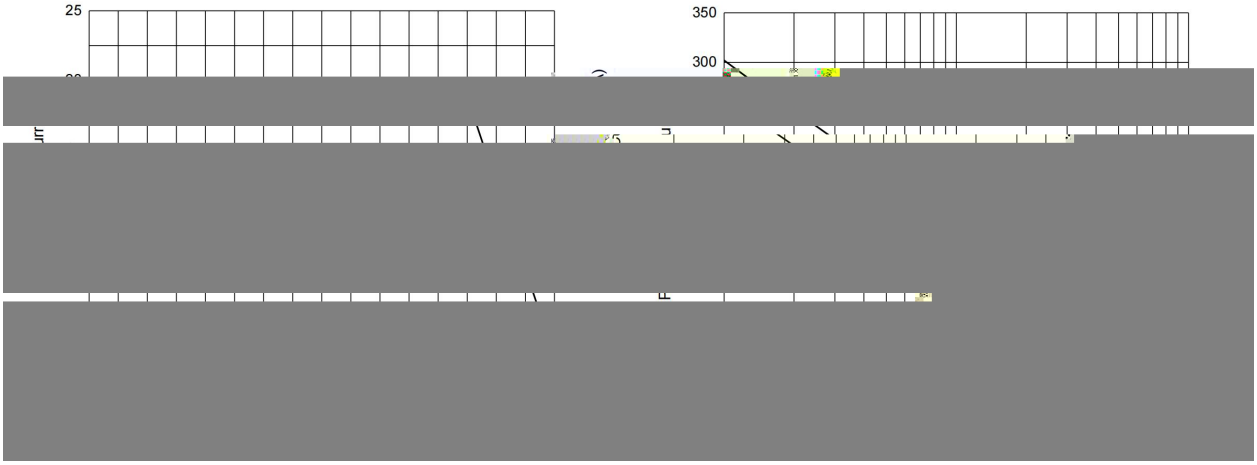
/ h_{FE} Classifications & Marking

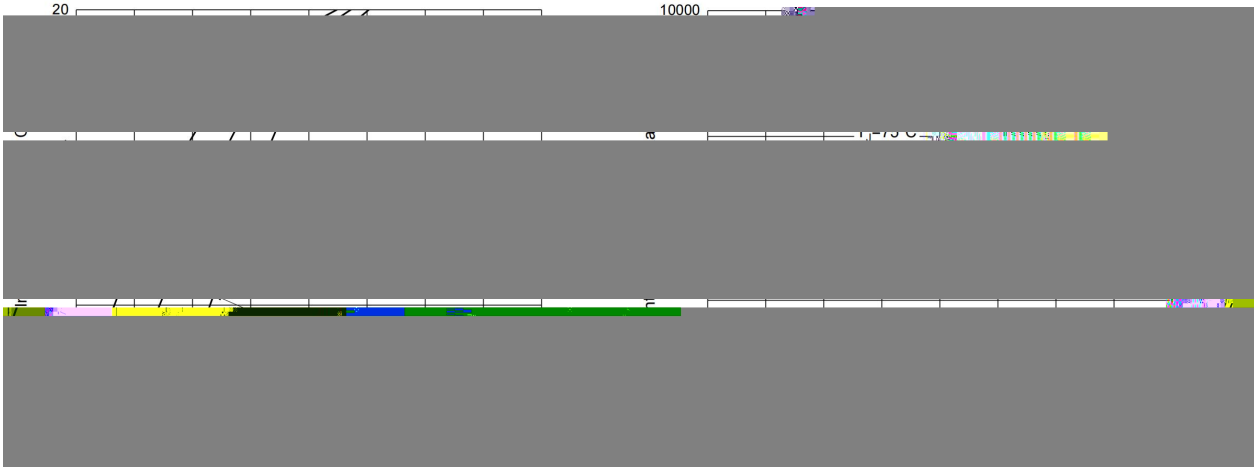
See Marking Instructions.

MBRB2045

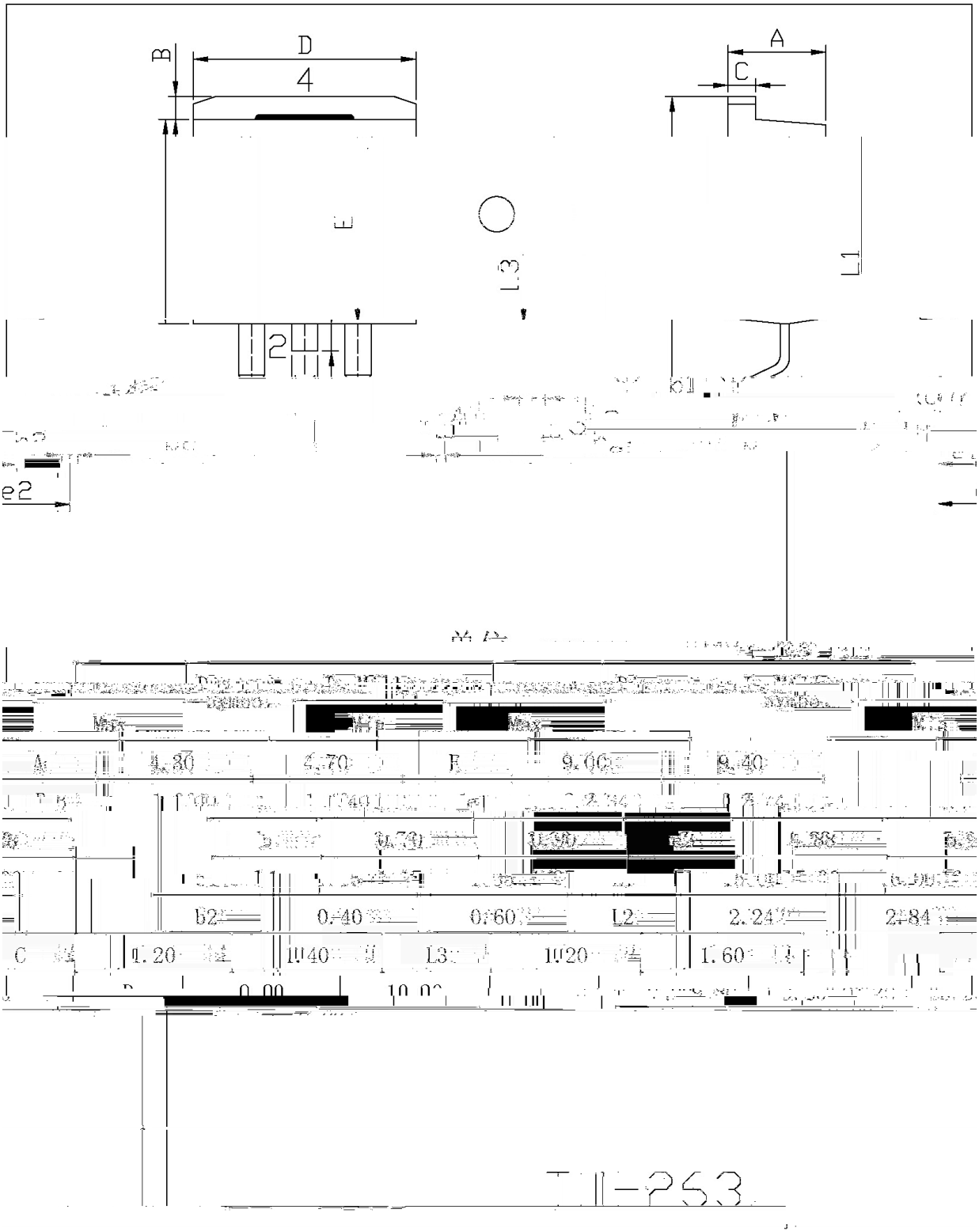
Rev. A May.-2021

/ Electrical Characteristic Curve

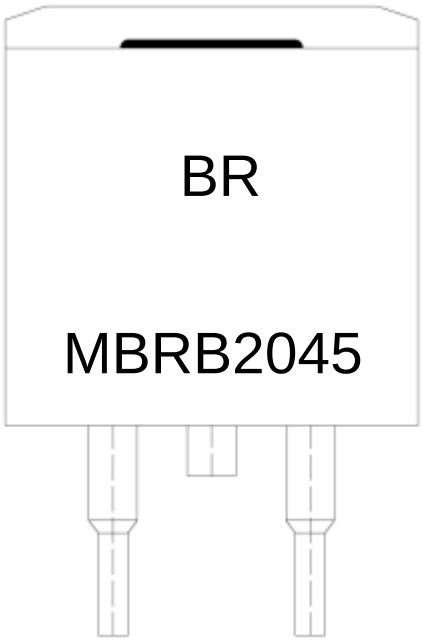




/ Package Dimensions



/ Marking Instructions



BR

MBRB2045

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Note:

BR:	Company Code
MBRB2045	Product Type Code.
****:	Lot No. Code, code change with Lot No.

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)



				Note:
1	150	180	60 90sec;	1.Preheating:150~180℃, Time:60~90sec.
2	245±5		5±0.5sec;	2.Peak Temp.:245±5℃, Duration:5±0.5sec.
3		2	10℃/sec.	3. Cooling Speed: 2~10℃/sec.

/ Resistance to Soldering Heat Test Conditions

260±5℃	10±1 sec.	Temp.:260±5℃	Time:10±1 sec

/ Packaging SPEC.

/ TUBE

Package Type	Units	Dimension	(unit mm^3)