

/ 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

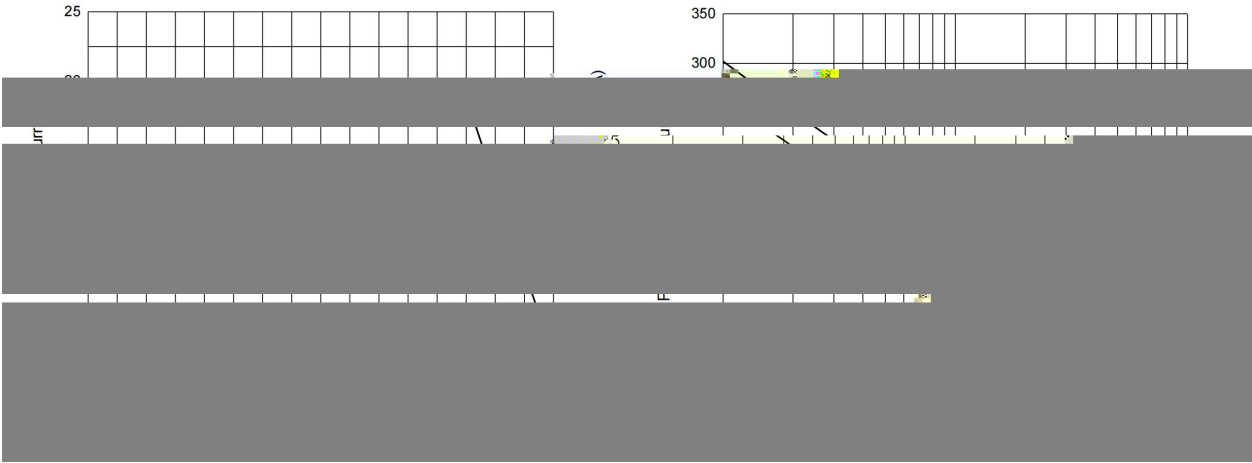
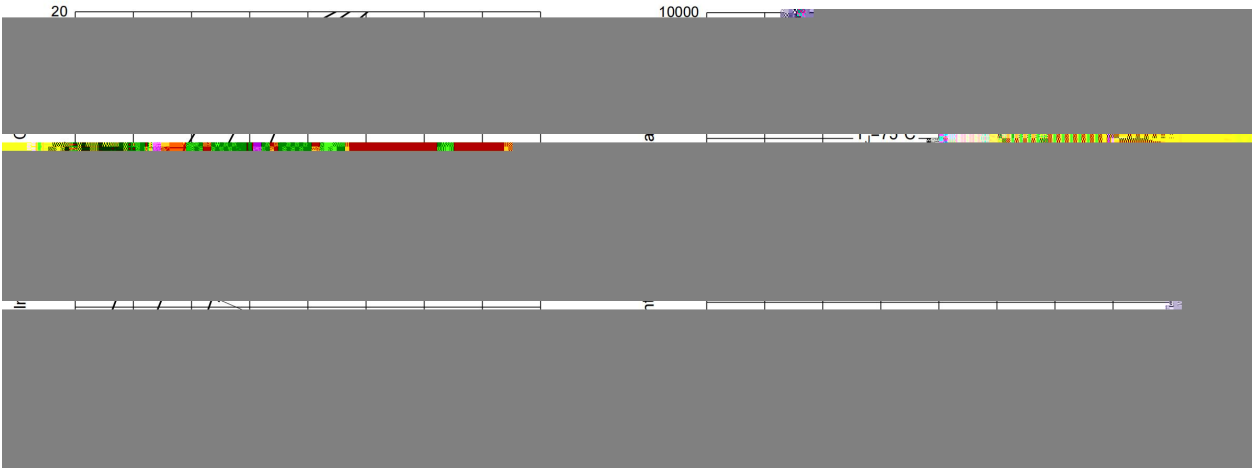
/ h_{FE} Classifications & Marking

See Marking Instructions.

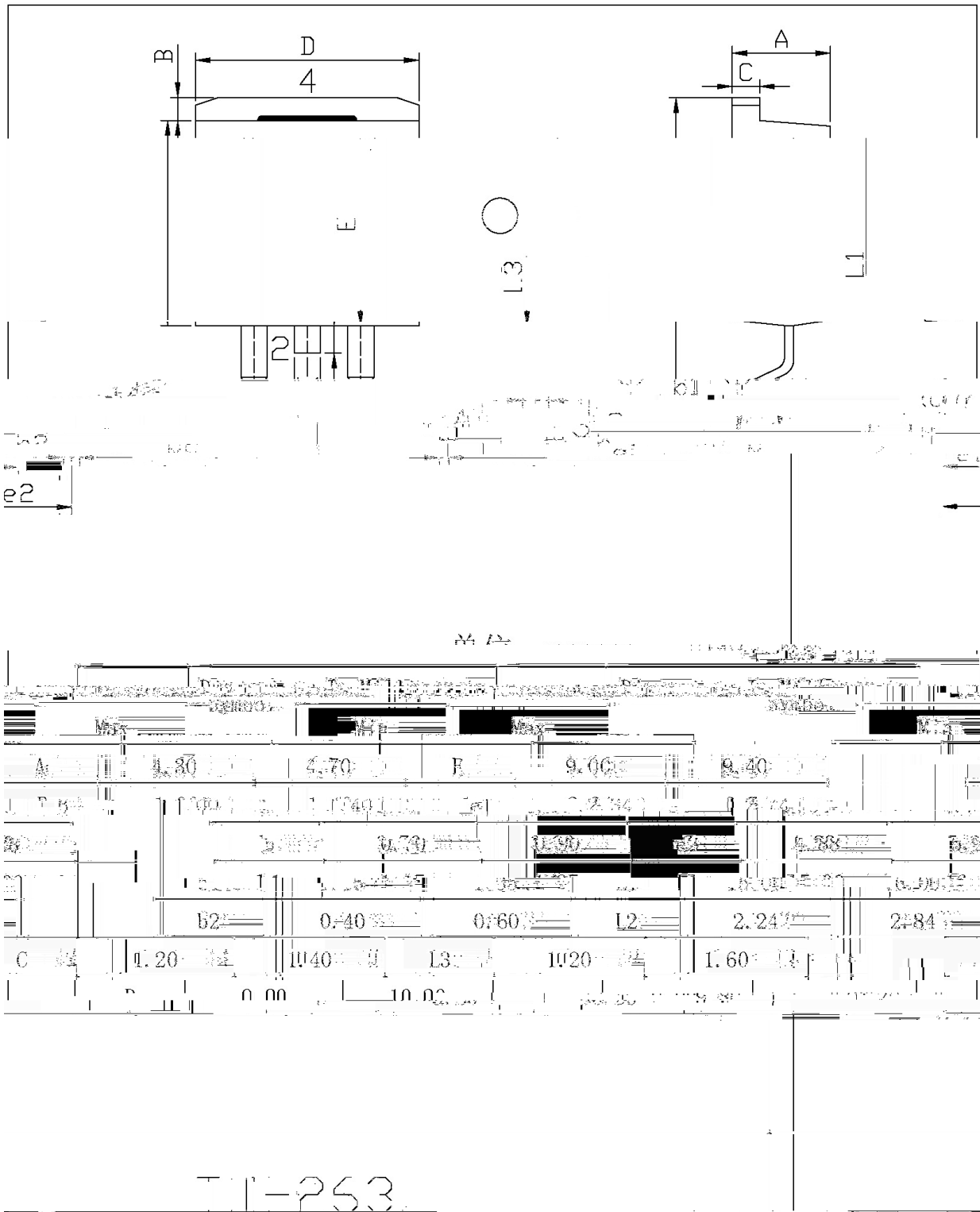
MBRB2045

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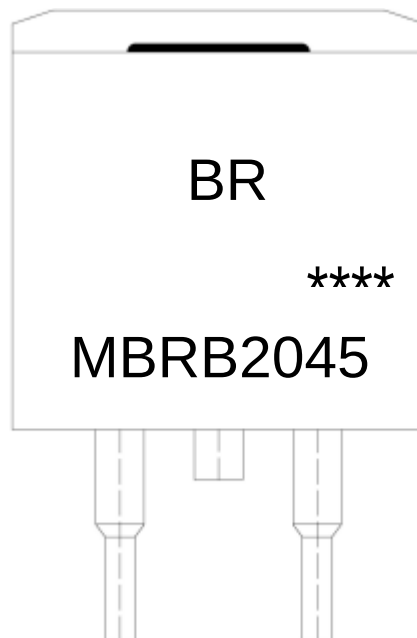
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



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Note:

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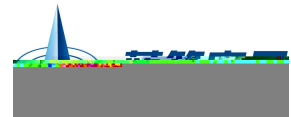
Company Code

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°C, Time:60~90sec. |
| 2 | 245±5 | 5±0.5sec; | 2.Peak Temp.:245±5°C, Duration:5±0.5sec. |
| 3 | 2 | 10°C/sec. | 3. Cooling Speed: 2~10°C/sec. |

/ Resistance to Soldering Heat Test Conditions

260±5°C	10±1 sec.	Temp.:260±5°C	Time:10±1 sec
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/ Packaging SPEC.

/ TUBE

Package Type	Units	Dimension	(unit mm ³)
	Units/Tube Tubes/Inner Box		