

/ 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

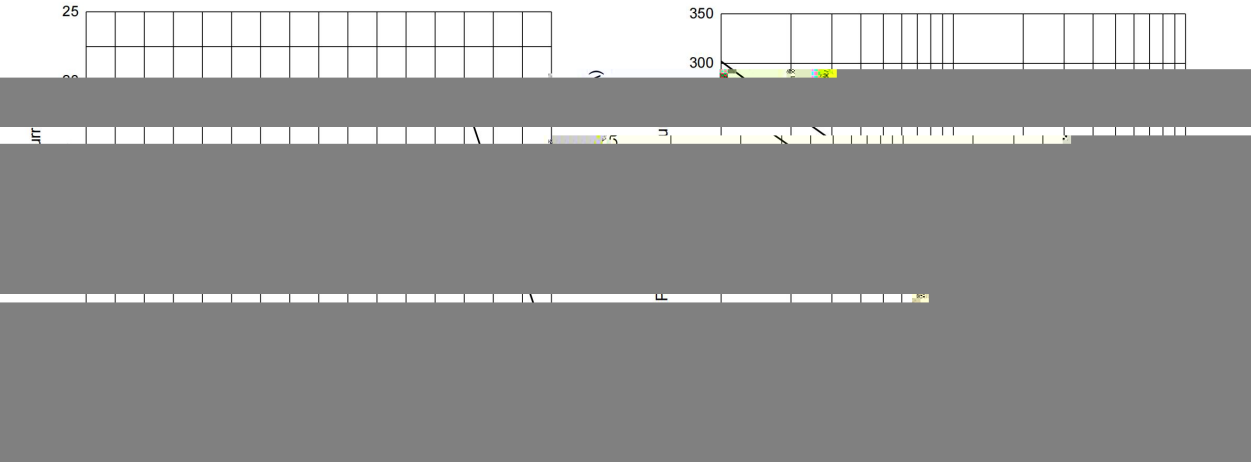
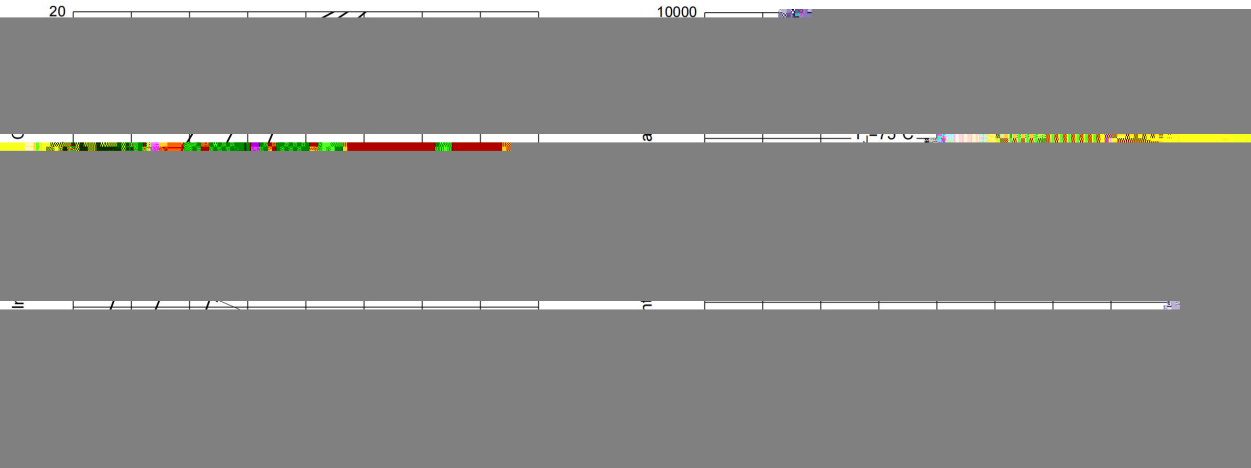
/ h_{FE} Classifications & Marking

See Marking Instructions.

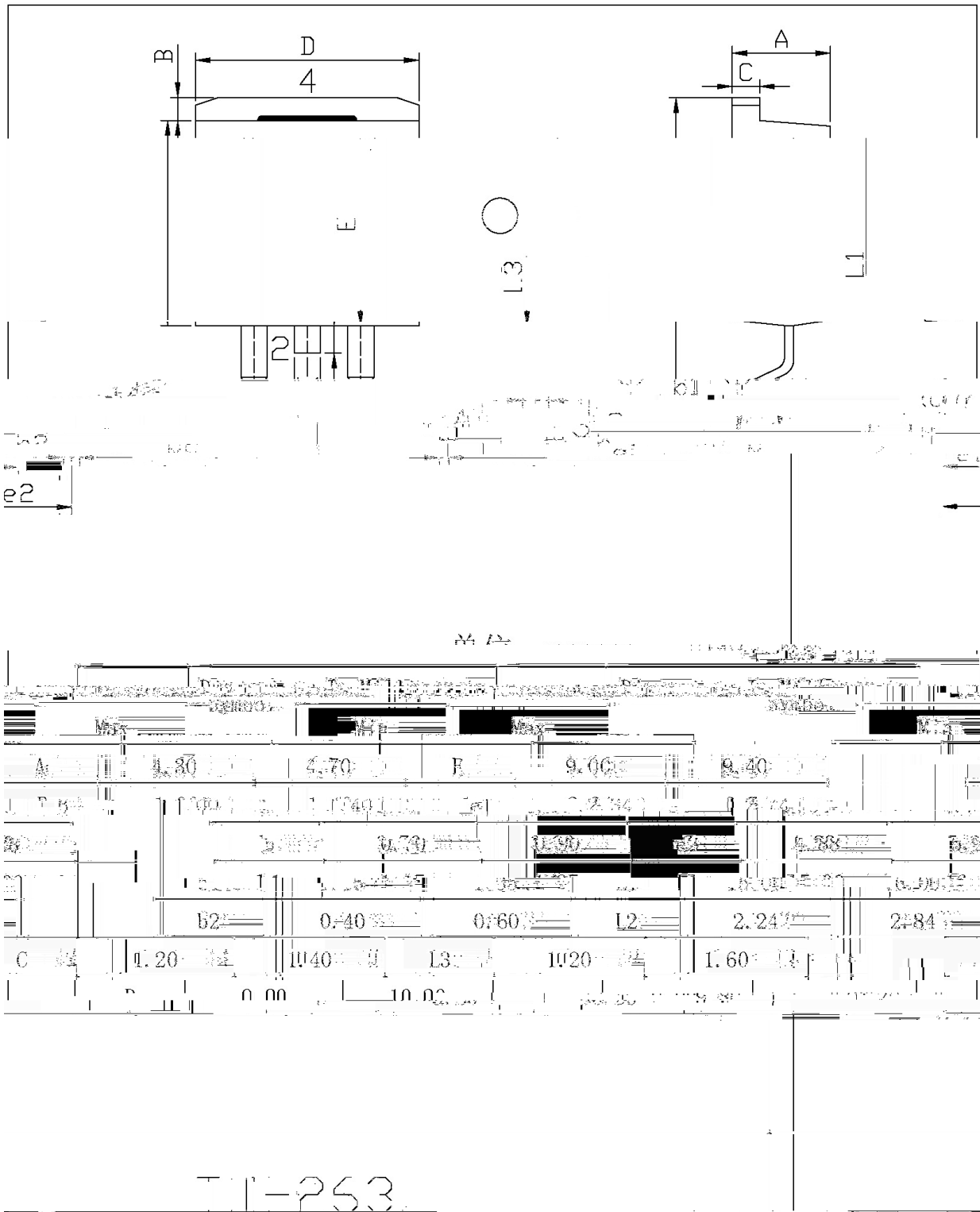
MBRB2045

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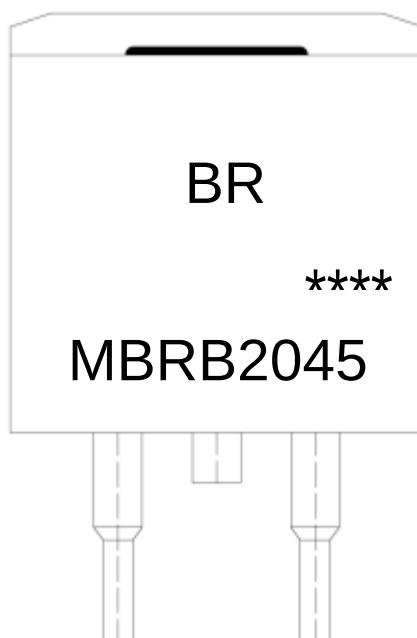
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR

MBRB2045

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;
- 2 245±5 5±0.5sec;
- 3 2 10°C/sec.

- 1.Preheating:150~180°C, Time:60~90sec.
- 2.Peak Temp.:245±5°C, Duration:5±0.5sec.
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

/ Packaging SPEC.

/ TUBE

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