

BRLV30T50ABD

Rev. D Apr.-2020



DATA SHEET

B	2018-7				
C	2019-10-25			BR	

描述 / Descriptions

TO-263

Schottky Barrier Diode in a TO-263 Plastic Package.

特征 / Features

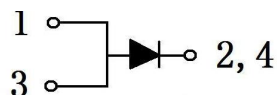
Low forward voltage drop, low power losses, High efficiency operation. HF Product.

用途 / Applications

OR-ing

DC-DC

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.

内部等效电路 / Equivalent Circuit**引脚排列 / Pinning**

PIN1 Anode

PIN 2 4 Cathode

PIN 3 Anode

放大及印章代码 / h_{FE} Classifications & Marking

See Marking Instructions.

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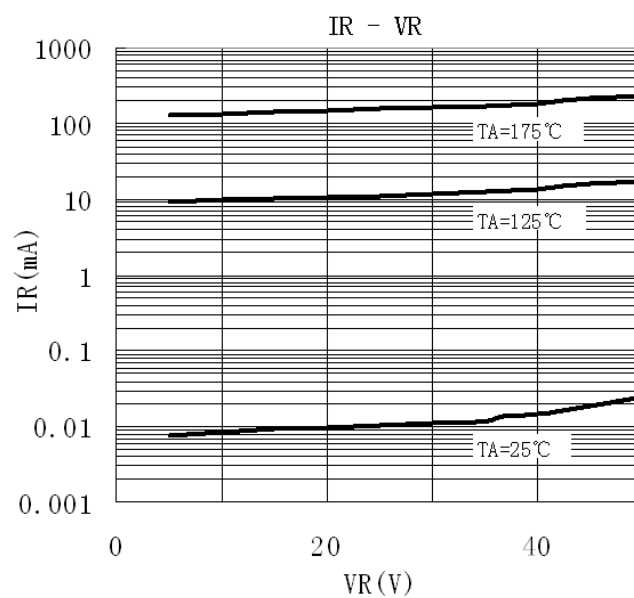
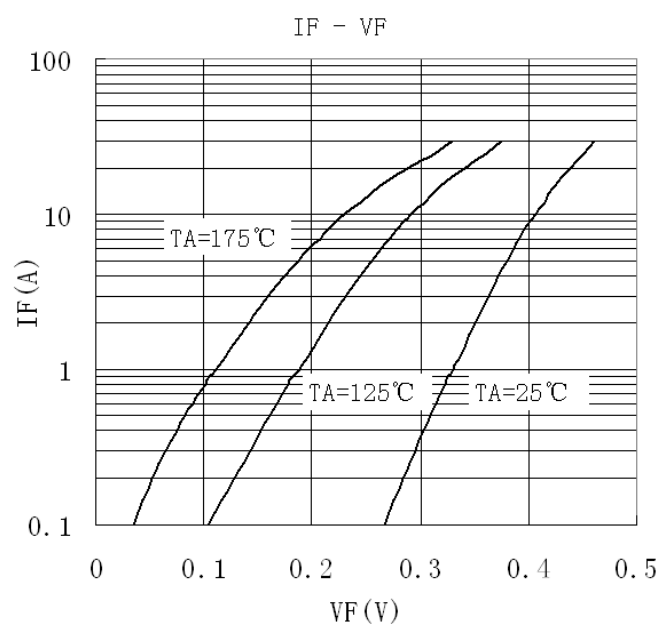


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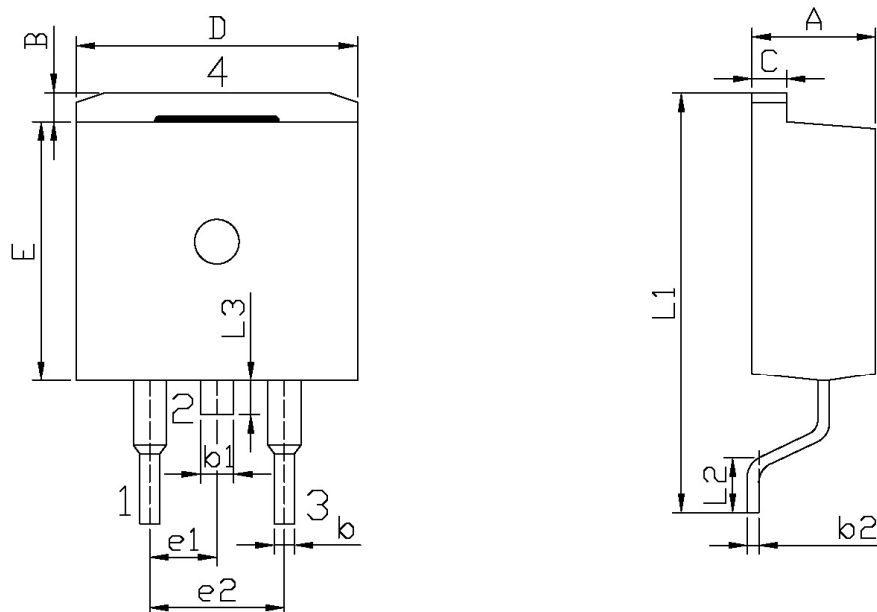
Parameter	Symbol	Rating	Unit
Maximum repetitive peak reverse voltage	V_{RRM}	50	V



电参数曲线图 / Electrical Characteristic Curve



外形尺寸图 / Package Dimensions

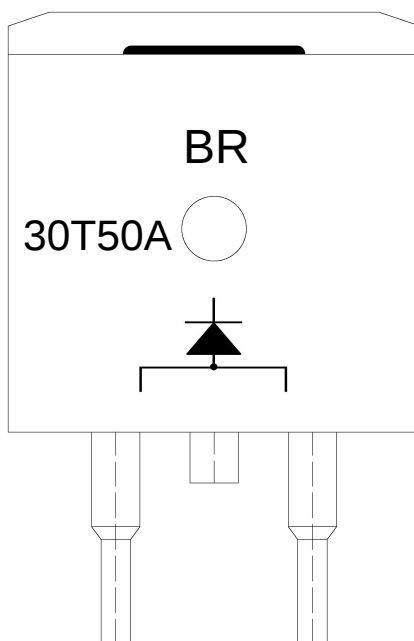


单位: mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
A	4.30	4.70	E	9.00	9.40
B	1.00	1.40	e1	2.34	2.74
b	0.70	0.90	e2	4.88	5.28
b1	1.15	1.35	L1	15.00	16.00
b2	0.40	0.60	L2	2.24	2.84
C	1.20	1.40	L3	1.20	1.60
n	9.80	10.20			

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印章说明 / Marking Instructions



说明：

BR： 为公司代码

30T50A： 为型号代码

： 为内部结构

****： 为生产批号代码，随生产批号变化。

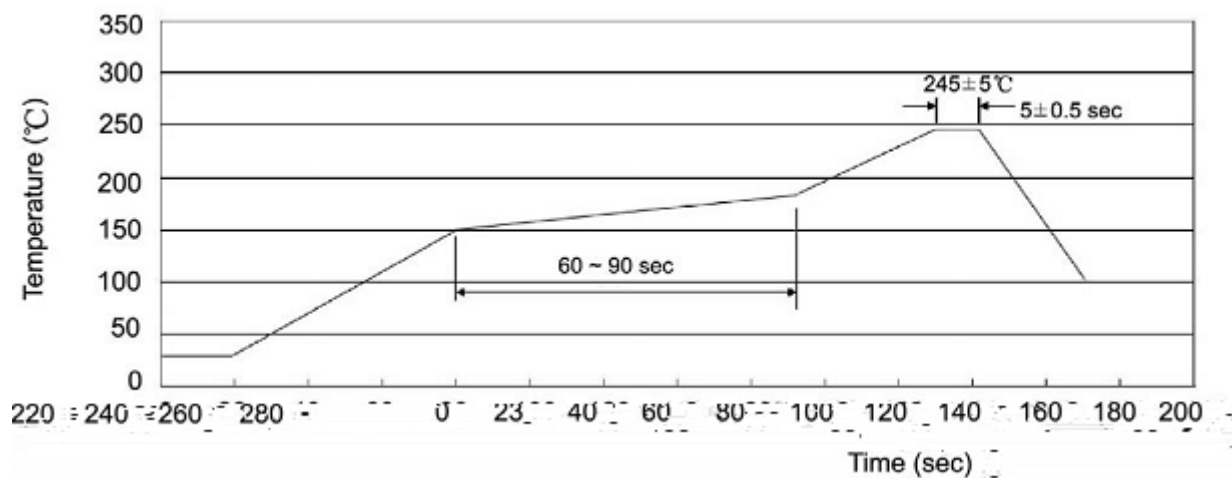
Note:

BR: Company Code

30T50A: Product Type Code.

: Internal Structure

****: Lot No. Code, code change with Lot No.

回流焊温度曲线图(无铅) / Temperature Profile for IR Reflow Soldering(Pb-Free)


Note:

- | | | | | | |
|---|-------|-----|-----------|---|--------------------------------------|
| 1 | 25 | 150 | 60 | 90sec; | 1.Preheating:25~150 , 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. |

耐焊接热试验条件 / Resistance to Soldering Heat Test Conditions

260±5

10±1 sec.

Temp.:260±5°C

Time:10±1 sec

包装规格 / Packaging SPEC.

/ TUBE

Package Type	Units					Dimension		y(unit mm ³)
	只 套管	套管 盒	只 盒	盒 箱	只 箱			