

Rev. B May.-2018

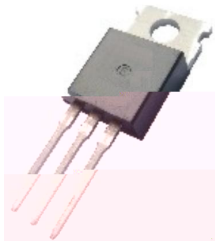
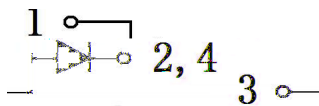
TO-220

Schottky Barrier Diode in a TO-220 Plastic Package.

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

OR-ing DC-DC

For use in high frequency inverters, switching power supplies, freewheeling diodes, OR-ing diode, dc-to-dc converters and reverse battery protection.

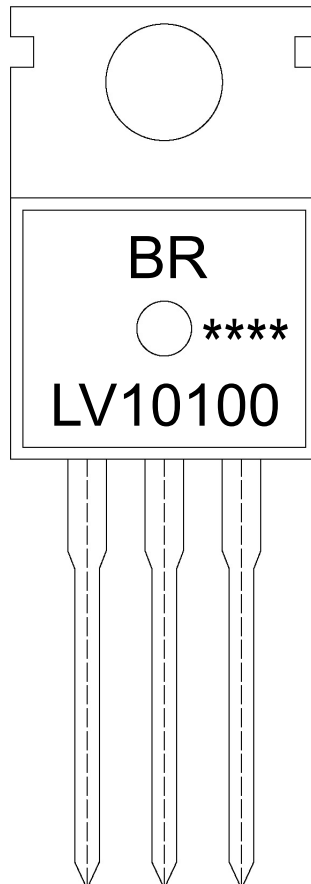


PIN1 Anode PIN 2 4 Cathode PIN 3 Anode

See Marking Instructions.

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Breakdown Reverse Voltage	V _{BR}	I _R =100uA(Ta=25℃)	100			V
Forward Voltage	V _F	I _F =1A(Ta=25℃)		0.41	0.48	V
		I _F =3A(Ta=25℃)		0.48	0.53	V
		I _F =1A(Ta=125℃)			0.44	V
		I _F =3A(Ta=125℃)			0.50	V
Instantaneous Reverse Current	I _R (Note 1)	V _R =100V(Ta=25℃)		10	50	μA
		V _R =100V(Ta=125℃)			10	mA

1.
 - /Short duration pulse test used to minimize self-heating effect.
2.
 - / Unless otherwise noted, values for the parameters of a single chip



BR

LV10100

Note:

BR:

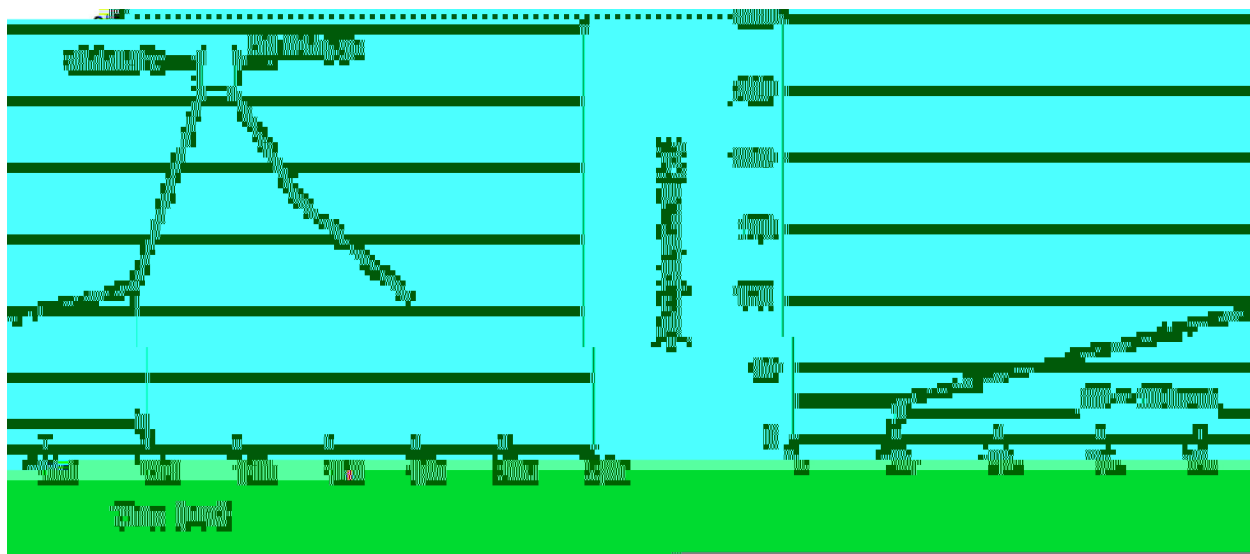
LV10100

****:

Company Code

Product Type.

Lot No. Code, code change with Lot No.


Note:

- | | | | | | |
|---|-------|-----|-----------|--------|---|
| 1 | 25 | 150 | 60 | 90sec; | 1.Preheating:25~150 , Time:60~90sec. |
| 2 | 255±5 | | 5±0.5sec; | | 2.Peak Temp.:255±5 , Duration:5±0.5sec. |
| 3 | | 2 | 10 | /sec. | 3. Cooling Speed: 2~10 /sec. |

270±5

10±1 sec.

Temp.:270±5℃

Time:10±1 sec

/ BULK

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Bag 只/袋	Bags/Inner Box 袋/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Bag 袋	Inner Box 盒	Outer Box 箱
TO-220/F	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

/ TUBE

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Tube 只/套管	Tubes/Inner Box 套管/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Tube 套管	Inner Box 盒	Outer Box 箱
TO-220/F	50	20	1,000	5	5,000	532×31.4×5.5	555×164×50	575×290×180