

# LV3045FCT

Rev.F Mar.-2016

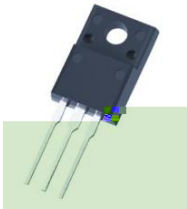
TO-220F

Schottky Barrier Diode in a TO-220F 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.



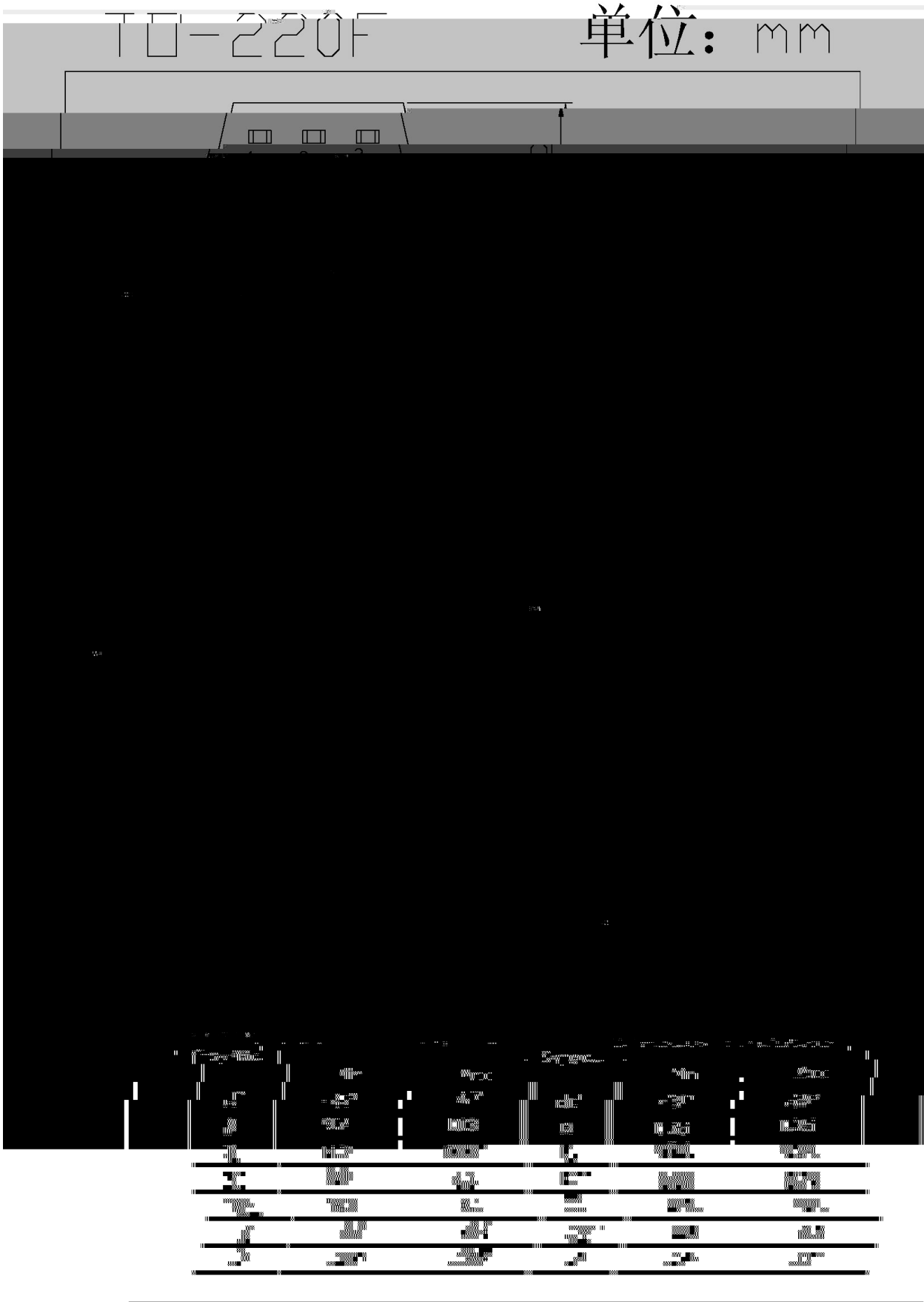
PIN1 Anode      PIN 2 Cathode      PIN 3 Anode

## / $h_{FE}$ Classifications & Marking

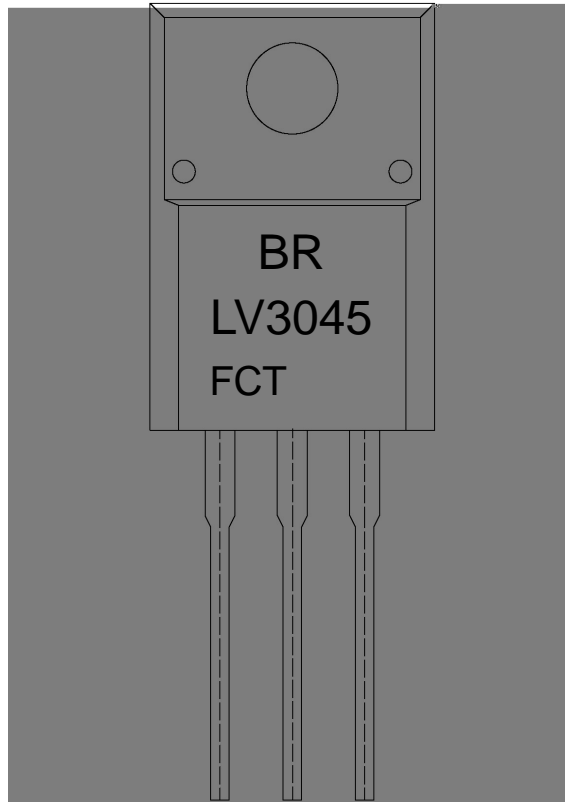


**/ Electrical Characteristic Curve**

/ Package Dimensions



/ Marking Instructions



BR

LV3045

F:

CT:

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Note:

BR: Company Code

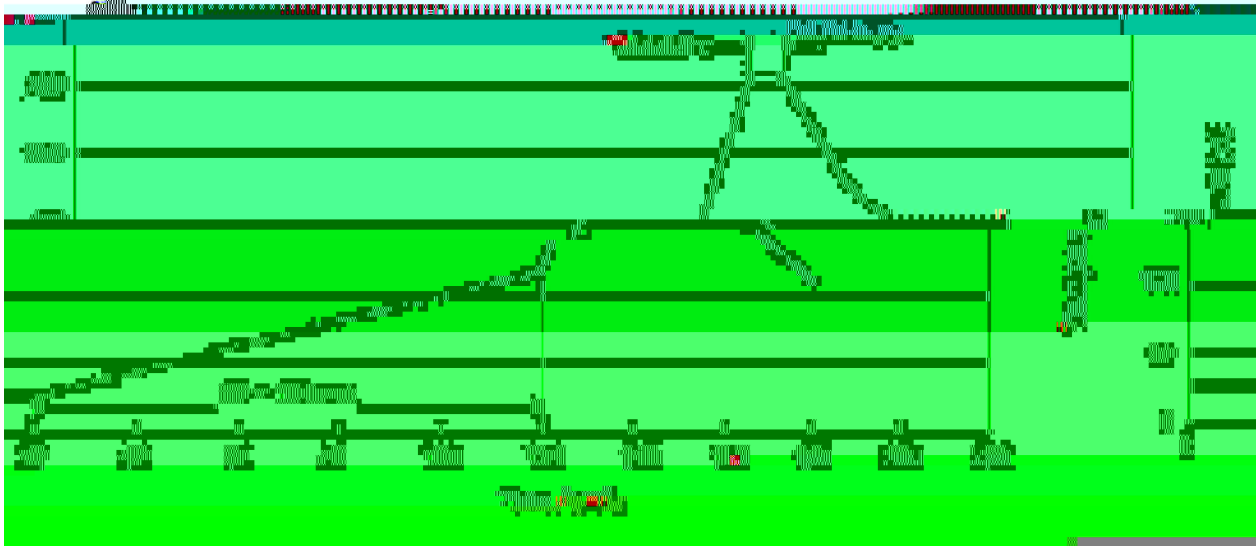
LV3045: Product Type.

F: Package Code

CT: Internal Structure

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

( ) / Temperature Profile for Dip Soldering(Pb-Free)



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.            |

/ Resistance to Soldering Heat Test Conditions

270±5                      10±1 sec.                      Temp.:270±5                      Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type	Units	Dimension	(unit mm <sup>3</sup> )
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