

/ Descriptions

WR0553I

Schottky Diode in a TO-220F Plastic Package.

/ Features

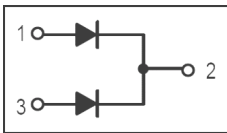
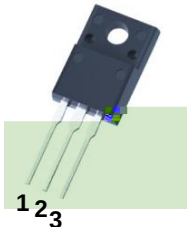
Low forward voltage drop, low power losses, High efficiency operation.

/ Applications

RU01qj

GF0GF

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

/ Equivalent Circuit**/ Pinning**

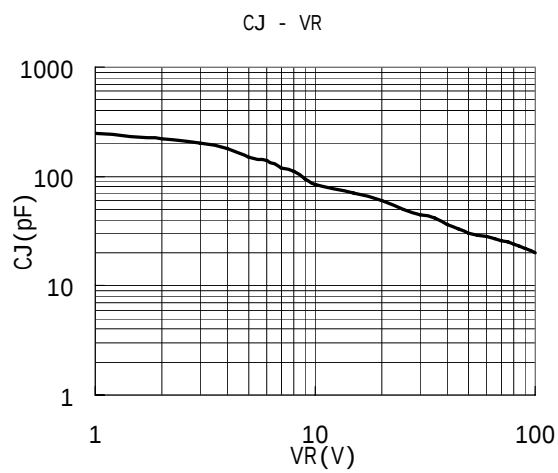
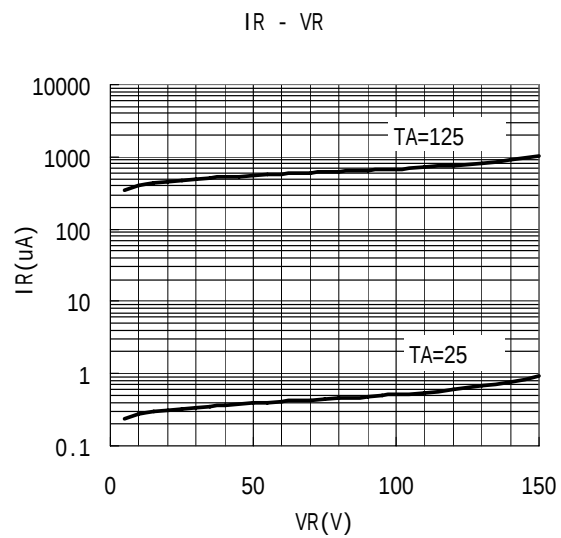
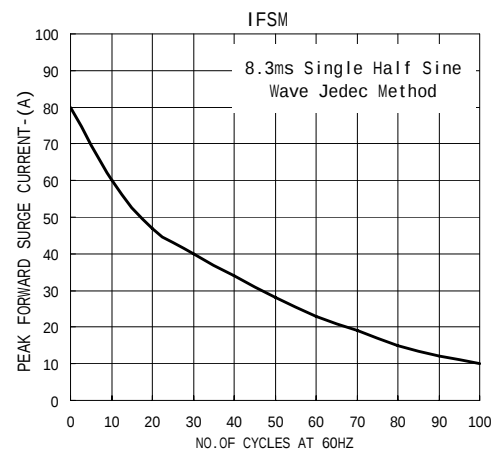
PIN1 Anode PIN 2 Cathode PIN 3 Anode

/ h_{FE} Classifications & Marking

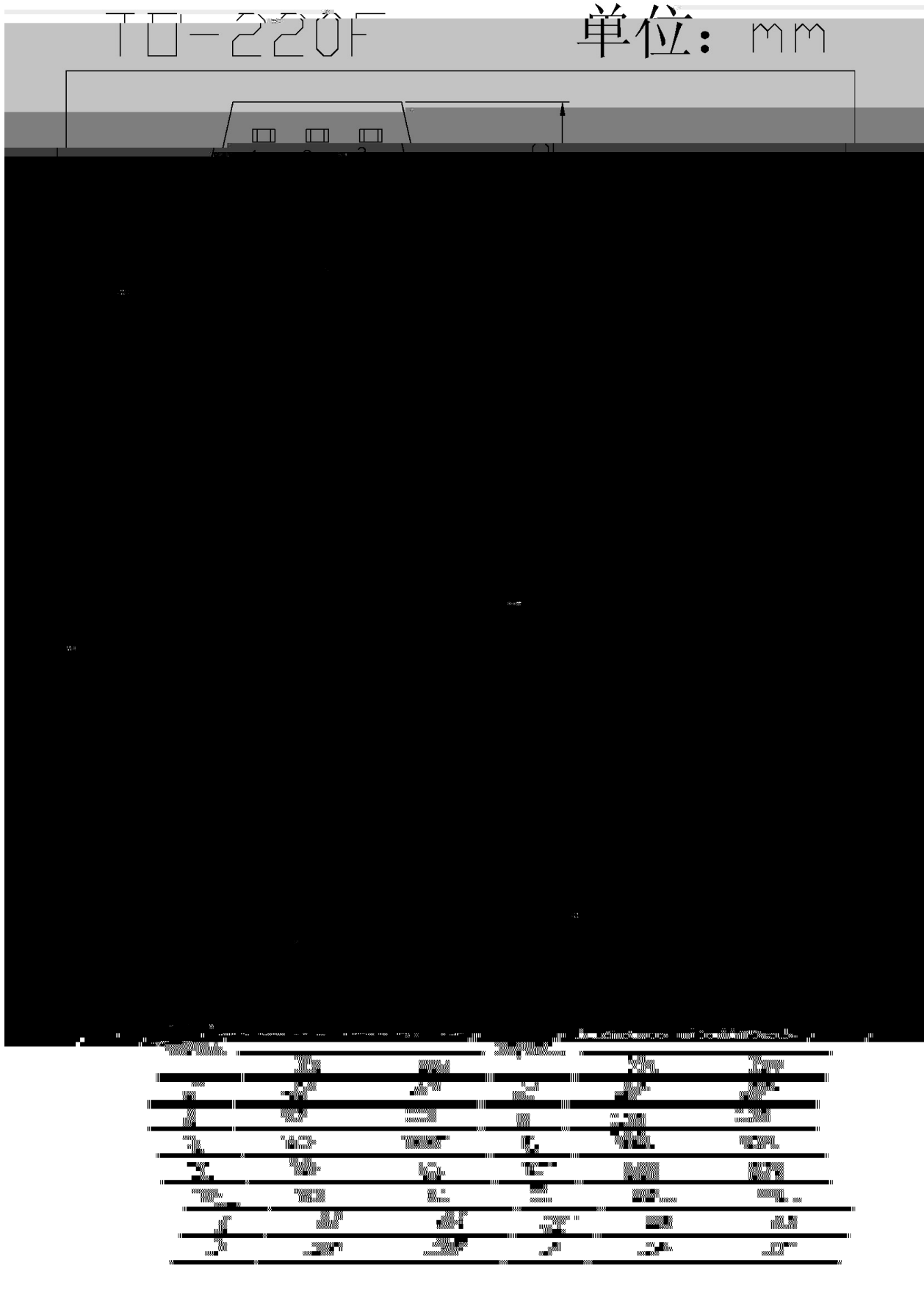
See Marking Instructions.

Parameter

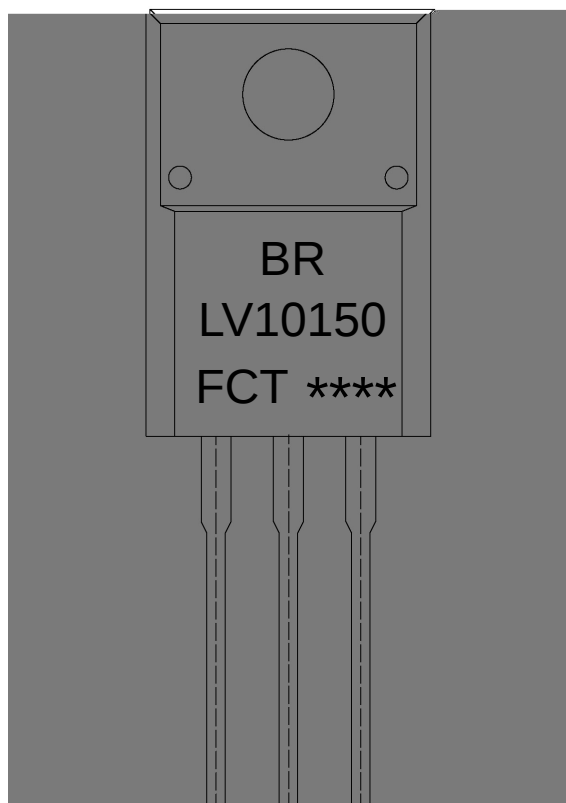
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



EU

0Y43483

I=

FW=

Note:

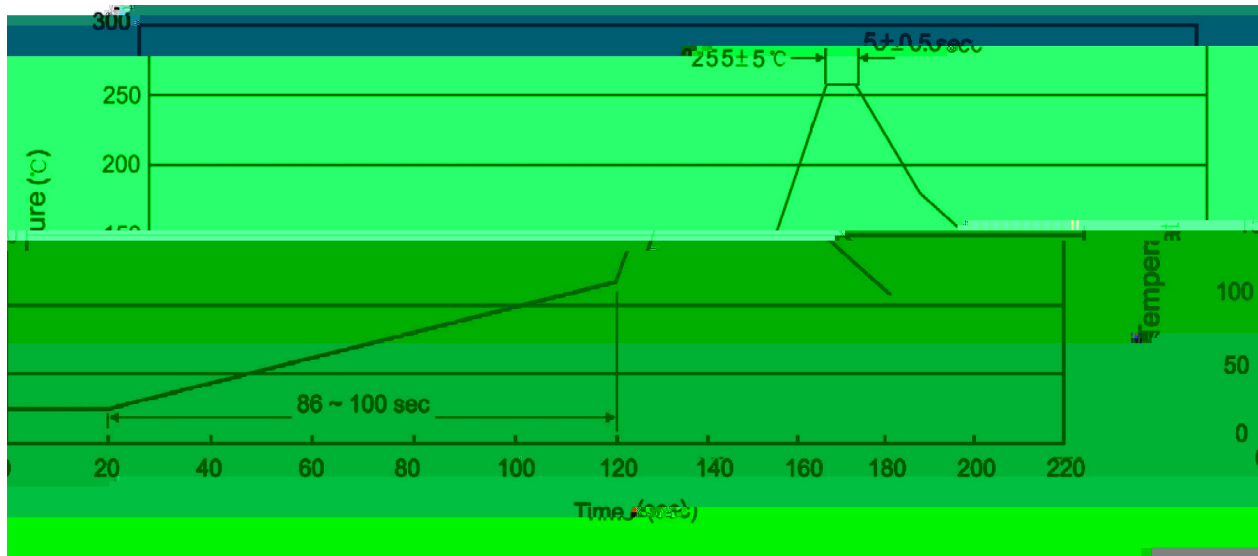
BR: Company Code

LV10150: 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 ³)		
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box
TO-220/F	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

/ TUBE

Package Type	Units					Dimension (unit mm ³)		
	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube	Inner Box	Outer Box
TO-220/F	50	20	1,000	5	5,000	532×31.4×5.5	555×164×50	575×290×180

/ Notices