

/ Descriptions

WR0553I M M E = g~ || 1

Schottky Diode in a TO-220F Plastic Package.

/ Features

$$H^* \rightarrow \mathbb{R} \cup \{H, \infty, \omega, \phi\}$$

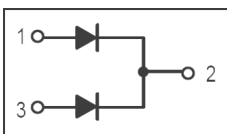
Low forward voltage drop, low power losses, High efficiency operation.

/ Applications

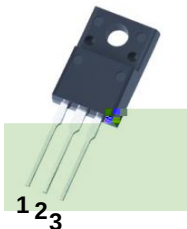
[illegible]

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



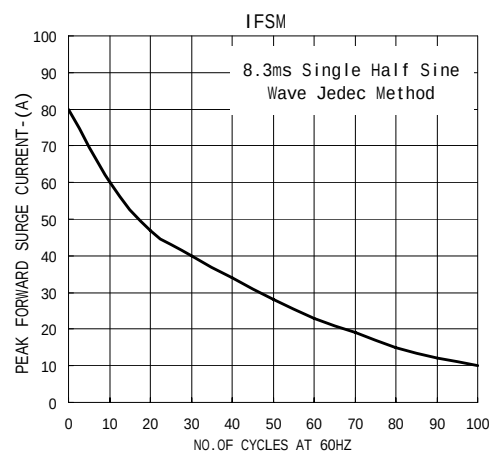
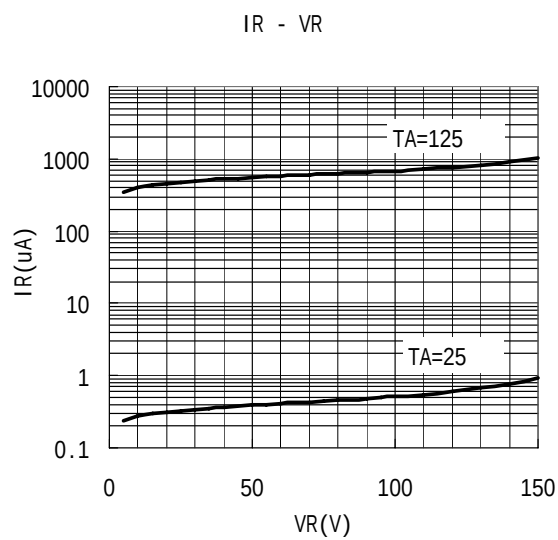
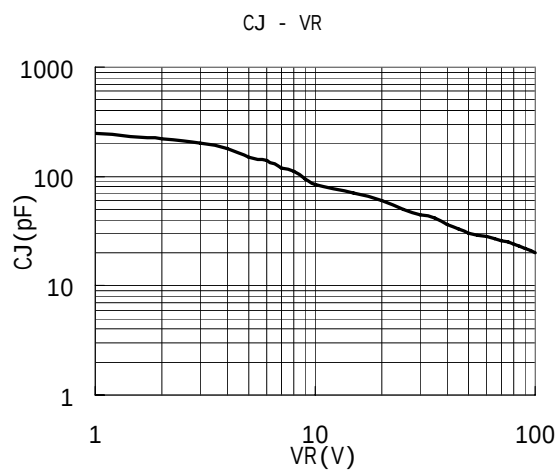
PIN1	Anode	PIN 2	Cathode	PIN 3	Anode
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/ h_{FE} Classifications & Marking

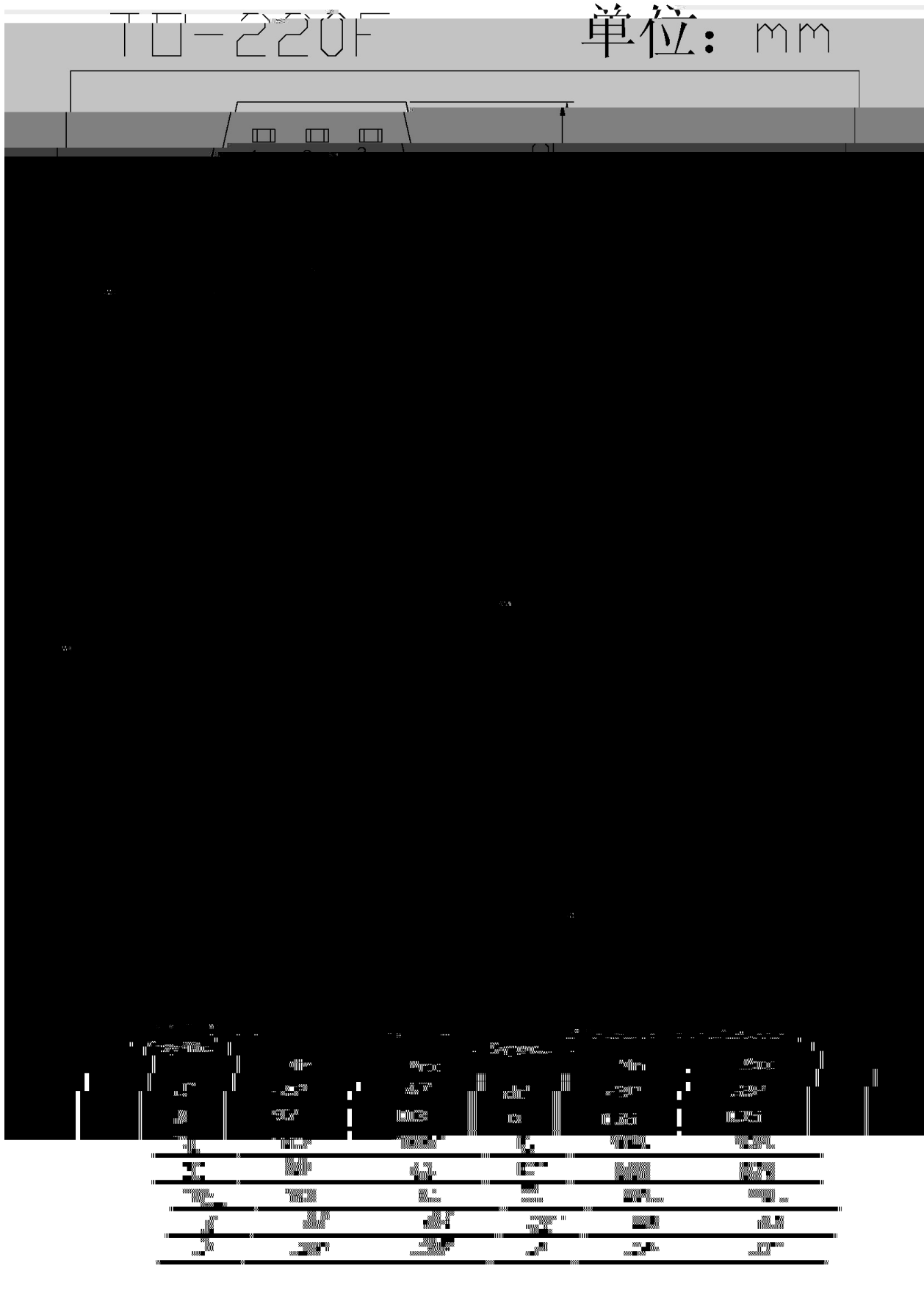
٥ م ٦ ب " See Marking Instructions.

V_{TQ}
Parameter

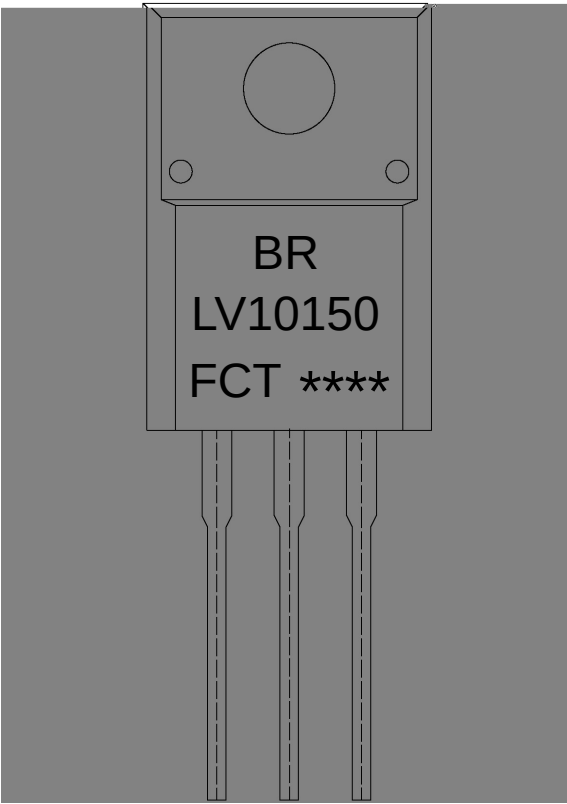
/ Electrical Characteristic Curve



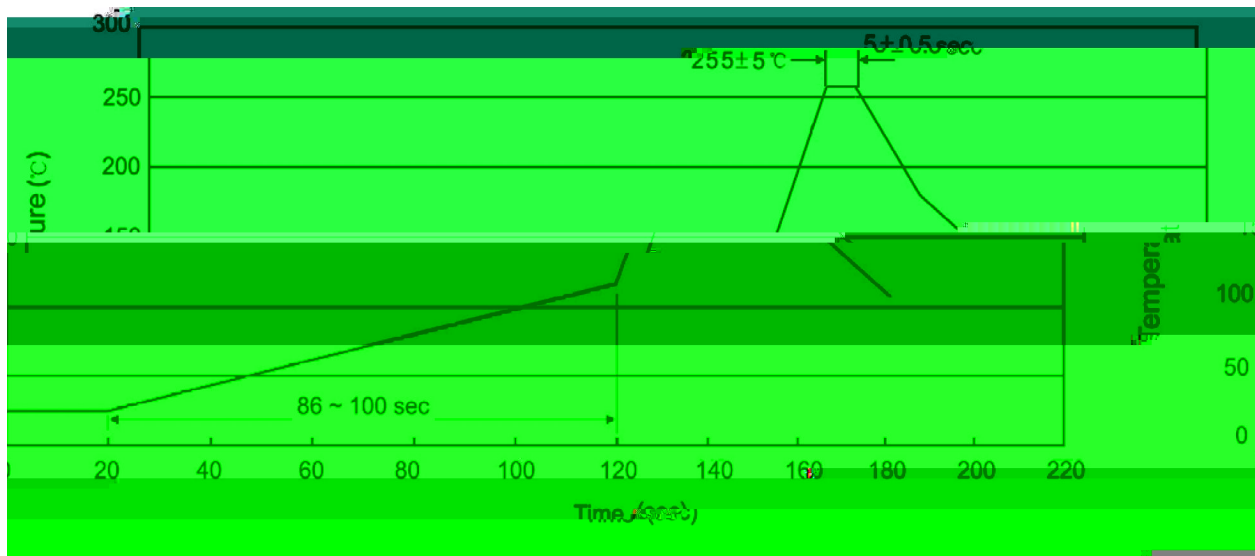
/ Package Dimensions



/ Marking Instructions



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EU X	ꠤ ٣ " ٲ
0Y43483 X	ꠤ ٣ " ٲ
I=	ꠤ M ٲ ٲ
FW=	ꠤ ٲ ٲ ٲ =
---- X	ꠤ ٲ ٲ ٲ " ٲ ٲ ٲ ٲ ٲ ٲ
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)


注意

1. 预加热: 25~150℃, 时间: 60~90sec;
2. 峰值温度: 255±5℃, 持续时间: 5~0.5sec;
3. 冷却速度: 2~10℃/sec.

Note:

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

/ Resistance to Soldering Heat Test Conditions

温度: 270±5℃, 时间: 10±1 sec. Temp.: 270±5℃ Time: 10±1 sec

/ Packaging SPEC.

散装 / 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

管装 / 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