/ Descriptions

WR0553I ṂṂ Ł ⸗ ᵍ⁀ ‖ ㄱ

Schottky Diode in a TO-220F Plastic Package.

/ Features

Ḧ* ᵇ я ∪ ı Ḧ ı ă ̈Ω ı ≍ ̃ω ' ظΦ

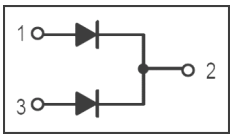
Low forward voltage drop,low power losses,High efficiency operation.

/ Applications

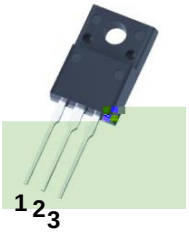
ἓ ≍ ļ ڜ Ψ ʜ ı Ã ʜ ɔ ◊ ı ㅅ ㅣ‾ ‖ ㄱ ı RU0lqj⁀ ‖ ㄱ ı GF0GF ج ̈Ω ʜ ⊐ ɔ – ɾ ᵇ Ȝ ï

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



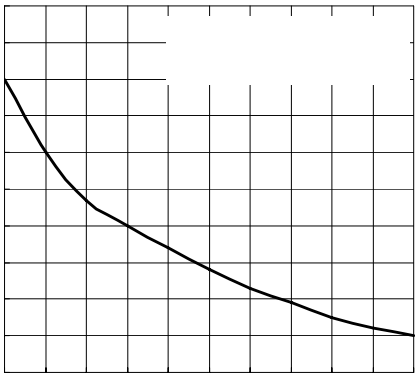
PIN1 Anode PIN 2 Cathode PIN 3 Anode

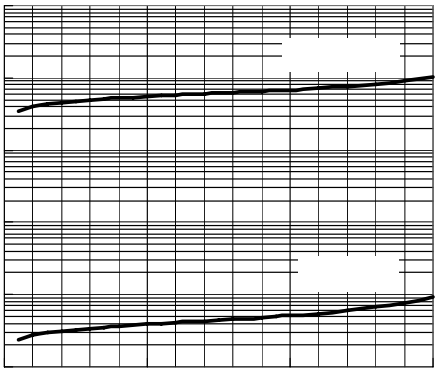
/ h_{FE} Classifications & Marking

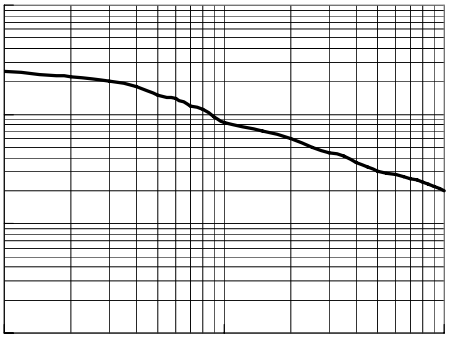
ծ м ㄱ ب ˝ See Marking Instructions.

v ̈Ω
Parameter

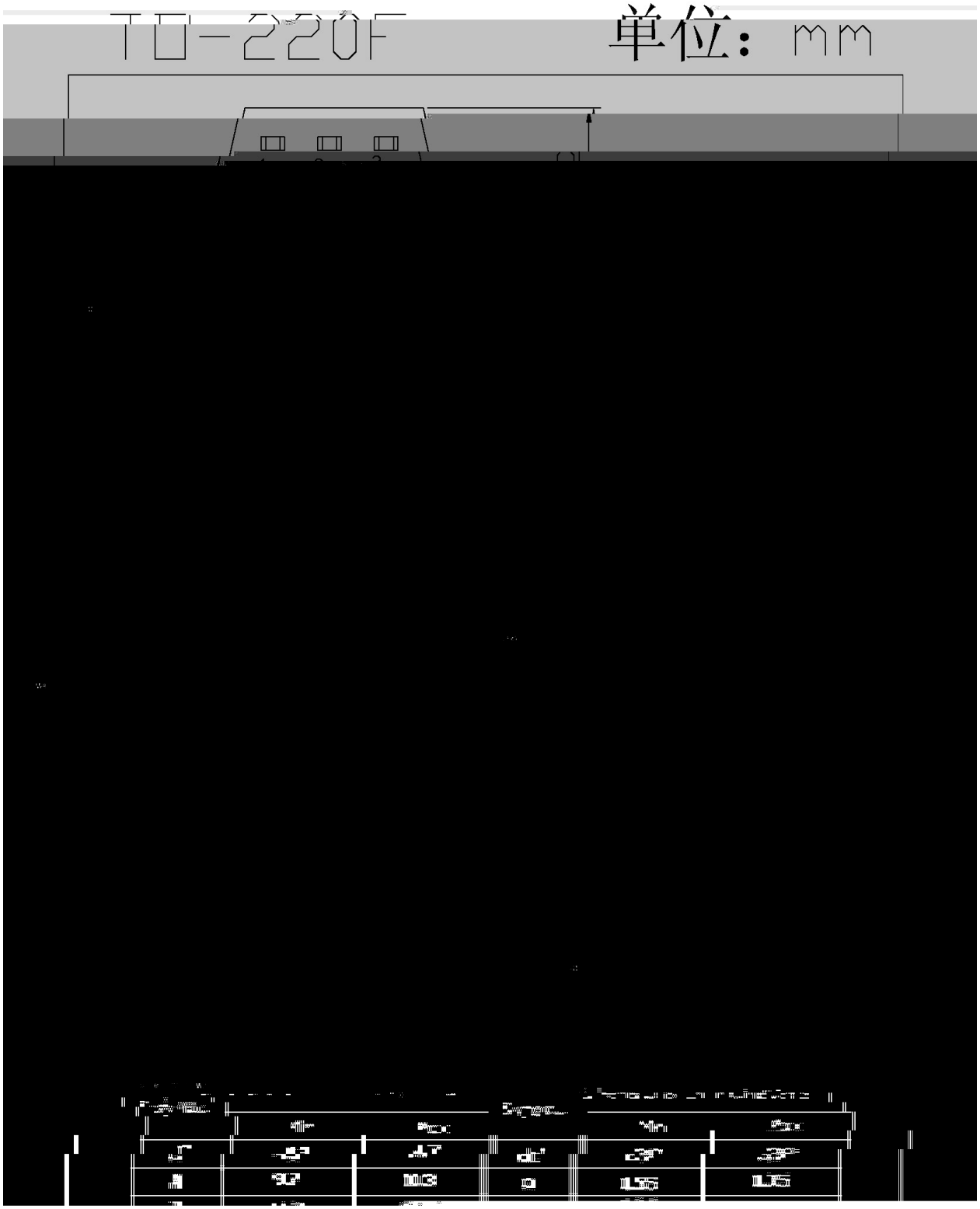
/ Electrical Characteristic Curve



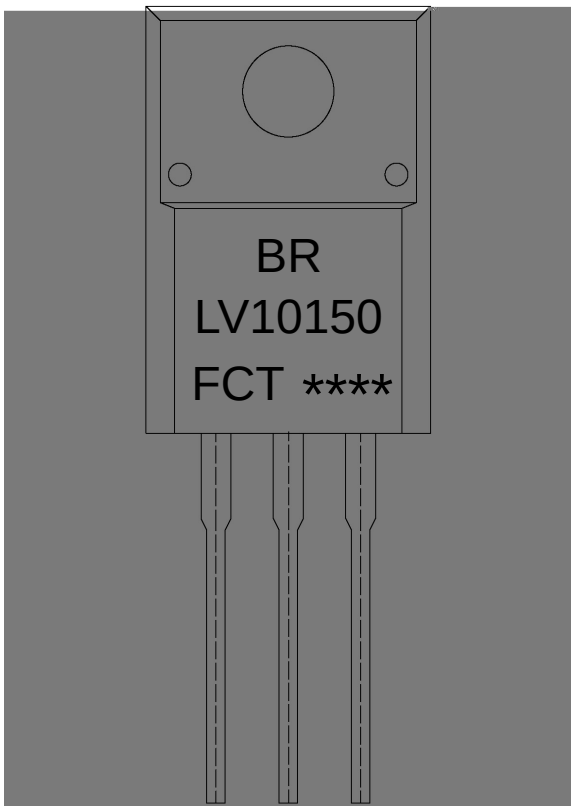




/ Package Dimensions

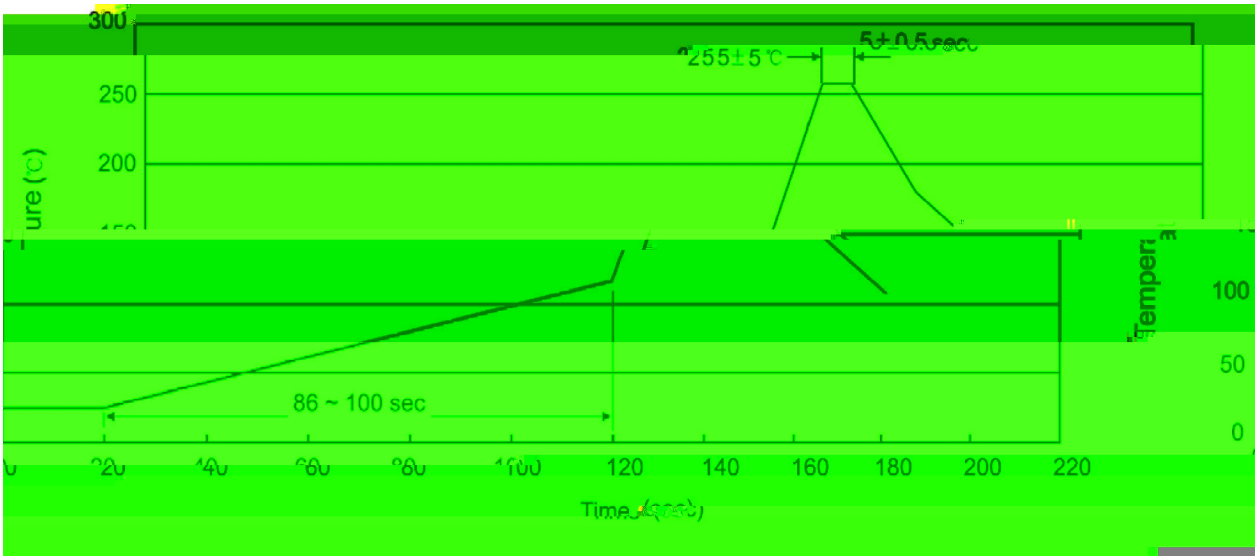


/ Marking Instructions



◌̇ ˝ χ	
EU χ	ꟻ ʒ ᴎ Γ ᵬ
0Y43483 χ	ꟻ ȝ ᴺ Γ ᵬ
ı=	ꟻ Ṃ Ꝉ Γ ᵬ
FW=	ꟻ ɲ ᶇ h ⅃ ⎯
---- χ	ꟻ ı ꜰ ᵑ̈ ᴺ Γ ᵬ ı ₡ ı ꜰ ᵑ̈ ᴺ Ψ ᑭ
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)



ب ˝ χ

1 Ĺ ♬ □ ỷ 25 Ḱ 150 ɬ ı ˋH ڑ 60 Ḱ 90sec;

2 Š Ө □ ỷ 255 ° 5 ɬ ı ˋH ڑ ˋY ㅅ ㎛ 5 ° 0.5sec;

3 ì ˙ ㅅ ˛ ɔ ଌ ỷ ㎛ 2 Ḱ 10 ɬ /sec.

Note:

1.Preheating:25~150 ɬ , Time:60~90sec.

2.Peak Temp.:255 ° 5 ɬ , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ɬ /sec.

/ Resistance to Soldering Heat Test Conditions

□ ỷ χ 270 ° 5 ɬ ˋH ڑ χ 10 ° 1 sec. Temp.:270±5 Time:10±1 sec

/ Packaging SPEC.

ˈQ ţ ㅛ Ł / BULK

Package Type	Units					Dimension		(unit mm³)
	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

˛ ㅅ ㅛ Ł / TUBE

Package Type	Units					Dimension		(unit mm³)
	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