/ Descriptions

Schottky Barrier Diode in a TO-220 Plastic Package.

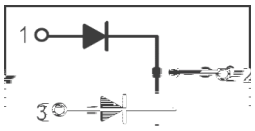
/ Features

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

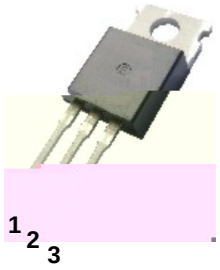
/ Applications

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

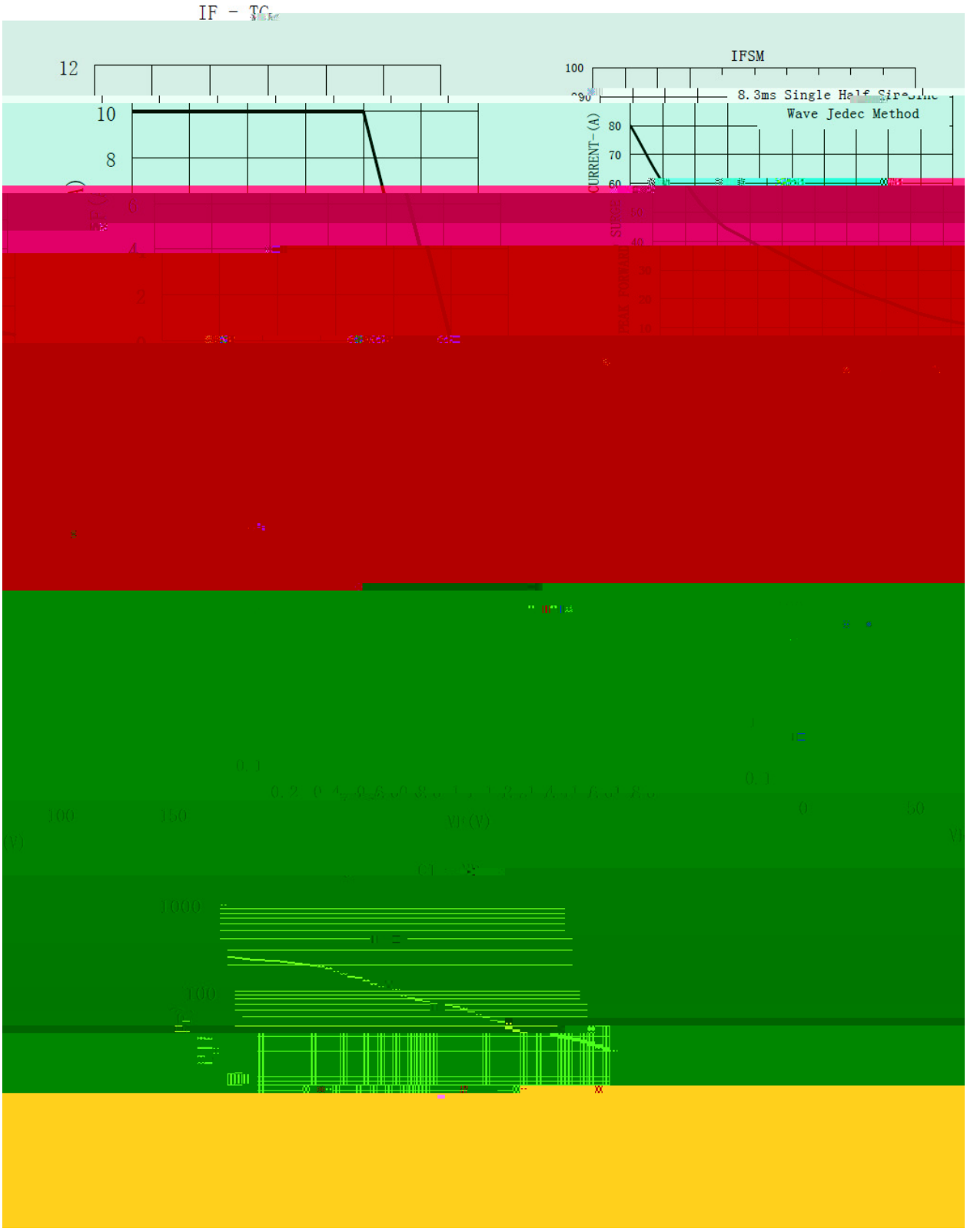


PIN1 Anode PIN 2 Cathode PIN 3 Anode

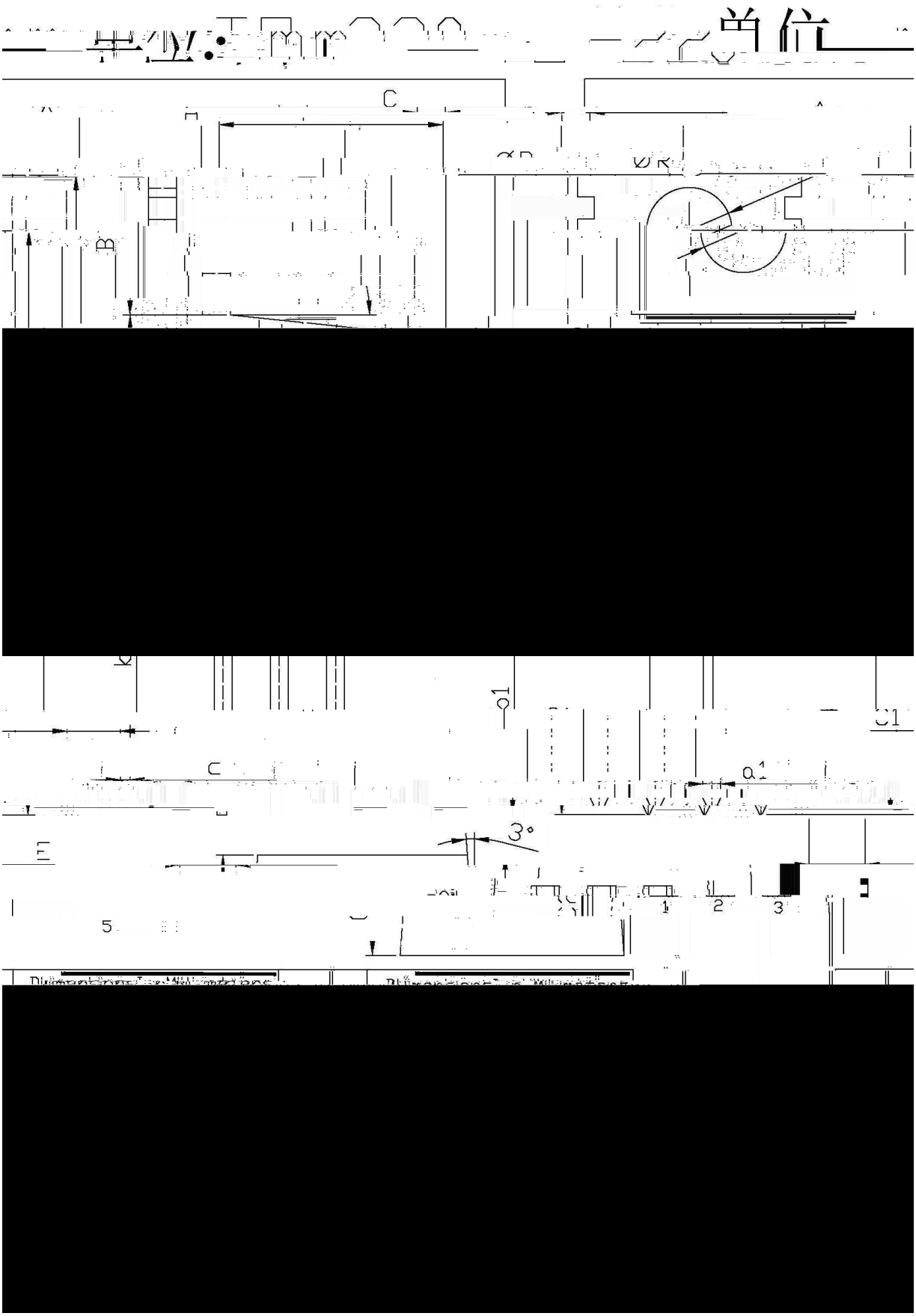
/ h_{FE} Classifications & Marking

See Marking Instructions.

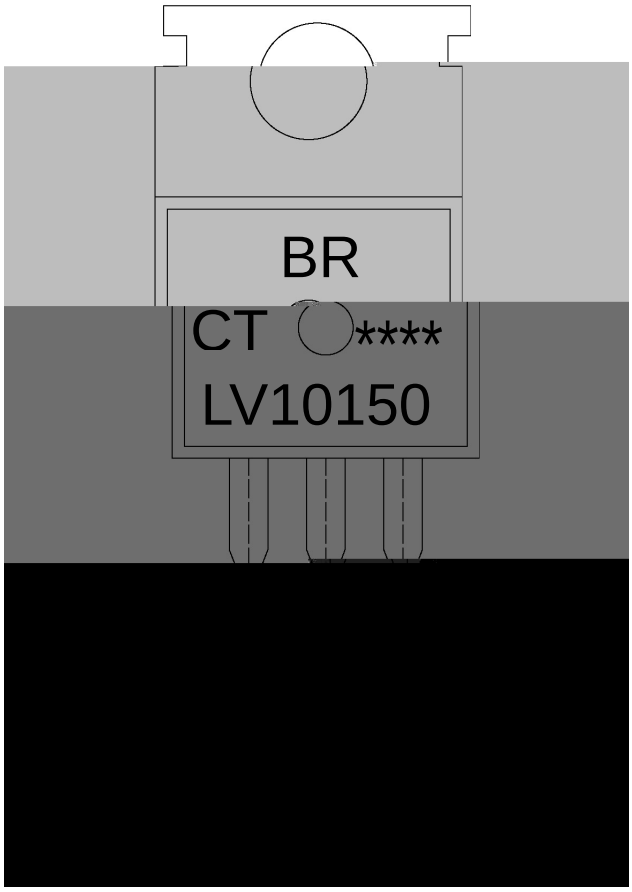
/ Electrical Characteristic Curve



/ Package Dimensions



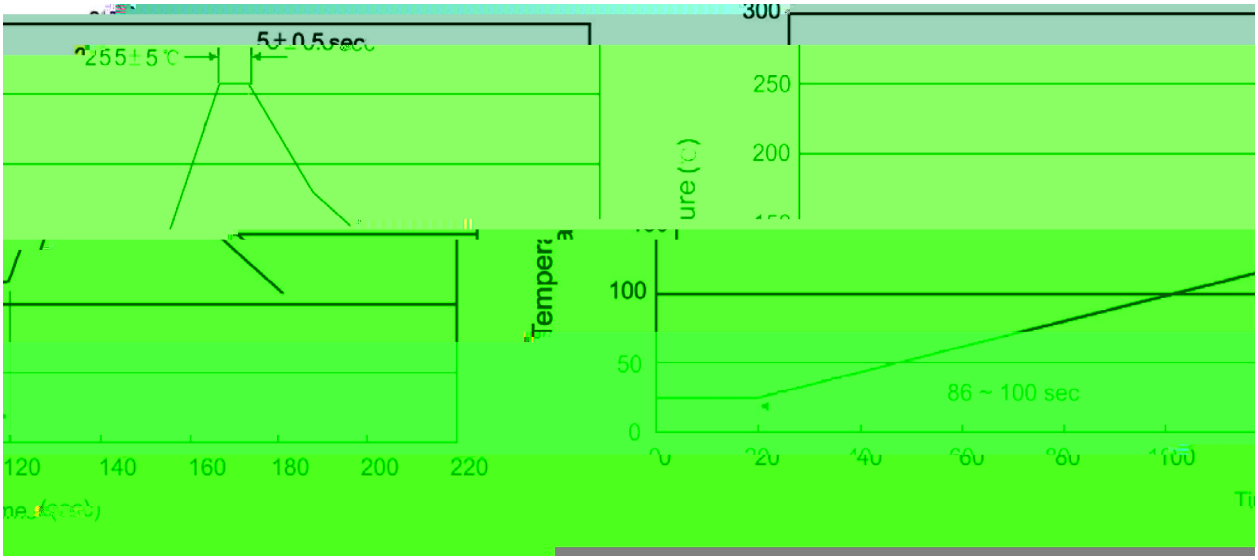
/ Marking Instructions



Note:

BR:	Company Code
LV10150	Product Type.
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