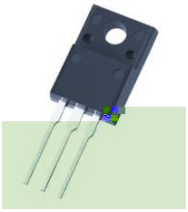
TO-220F
Schottky Barrier Diode in a TO-220F Plastic Package.

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.

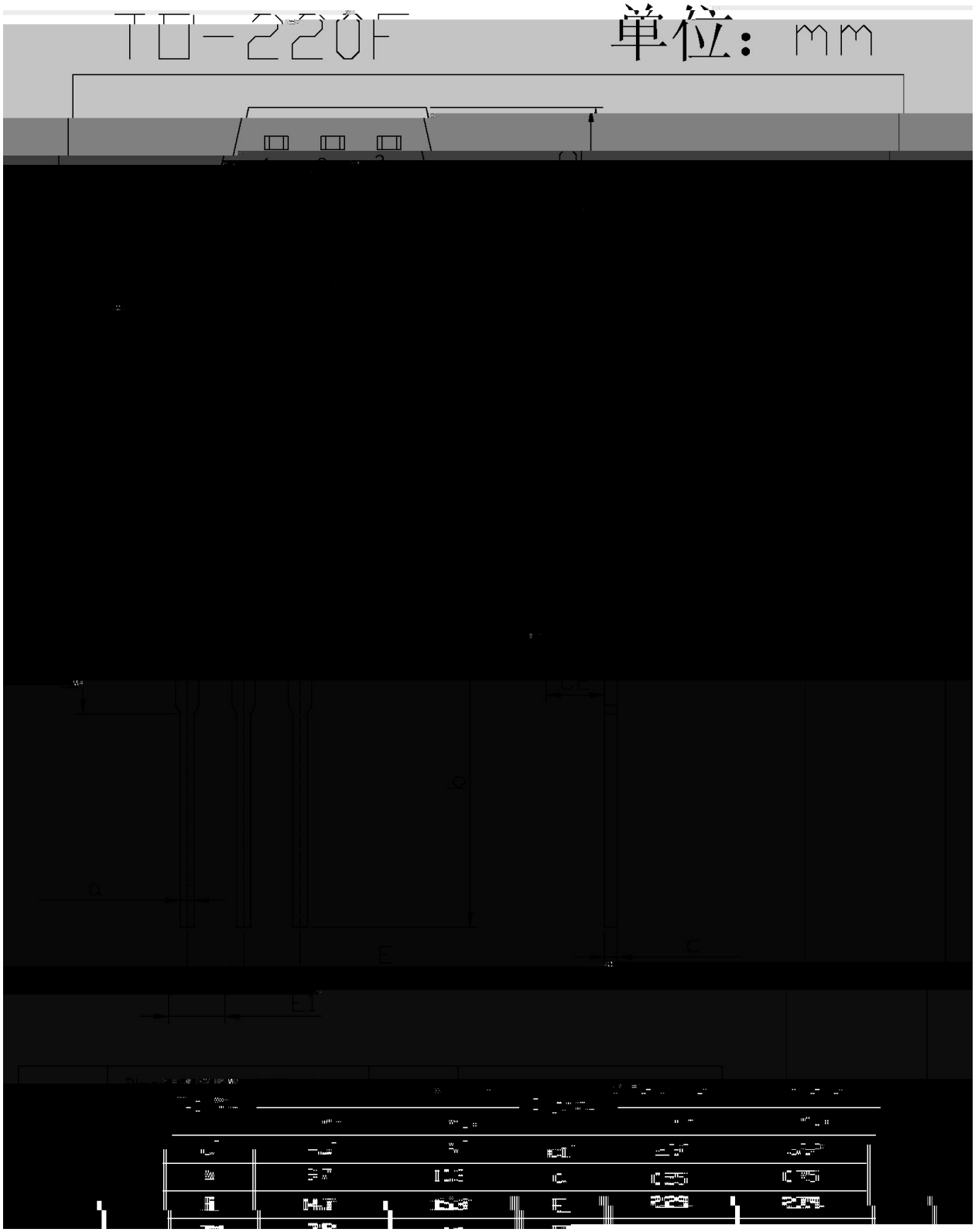


PIN1 Anode PIN 2 Cathode PIN 3 Anode

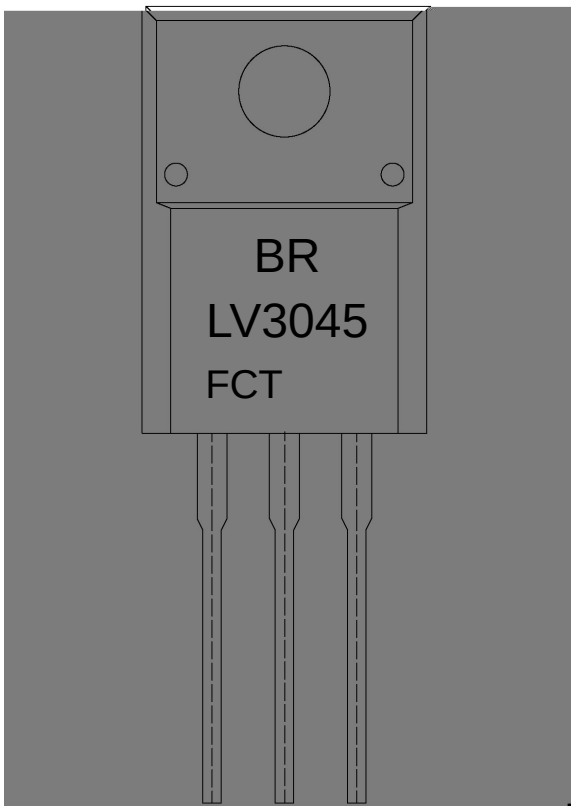
/ h_{FE} Classifications & Marking

/ Electrical Characteristic Curve

/ Package Dimensions



/ Marking Instructions



BR

LV3045

F:

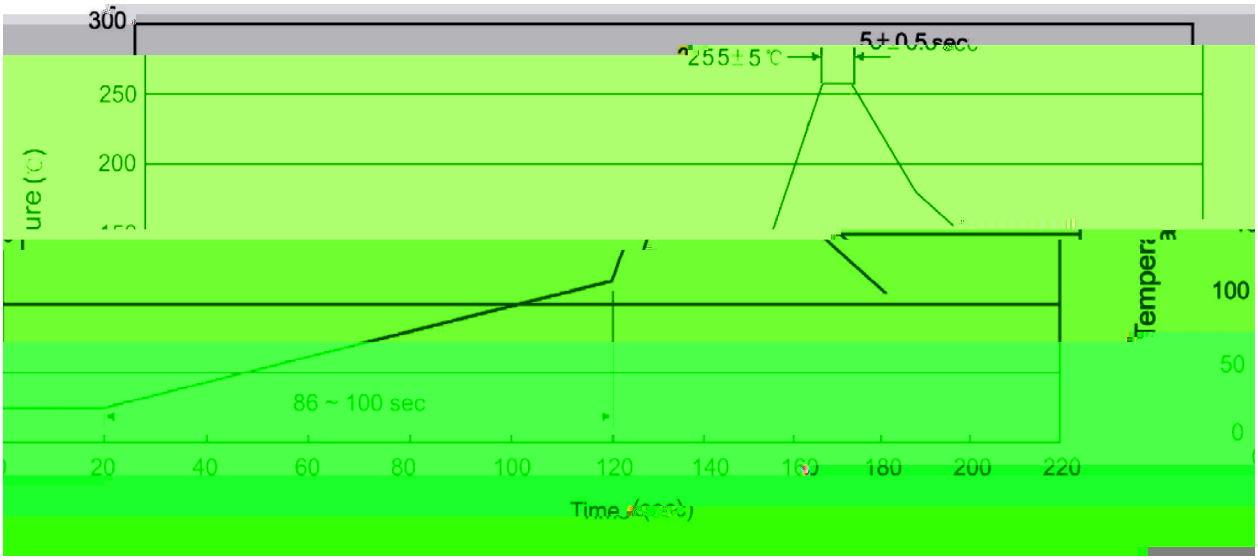
CT:

****

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^3)