

**/ Descriptions**

KF \$))'  
TO-220 Plastic package Schottky diode .

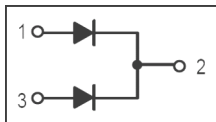
**/ Features**

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

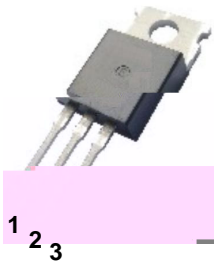
**/ Applications**

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**



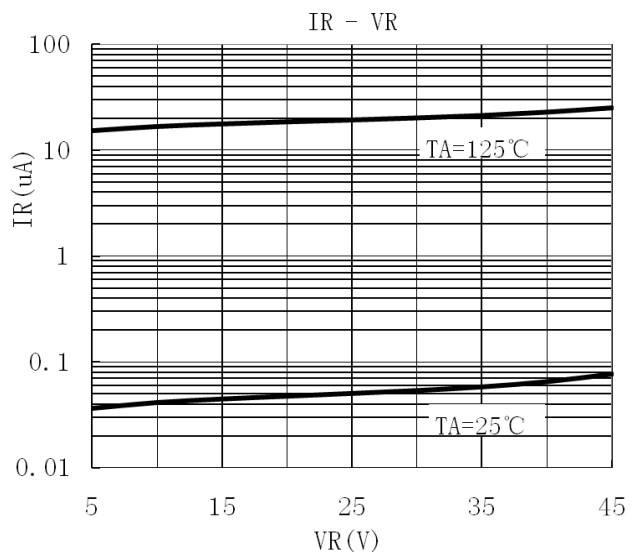
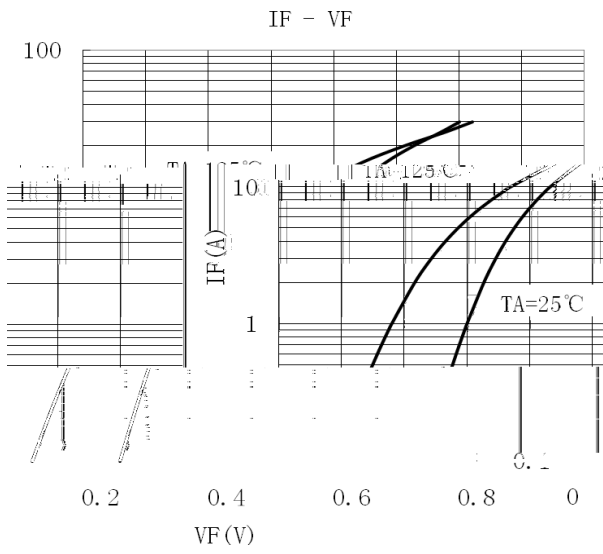
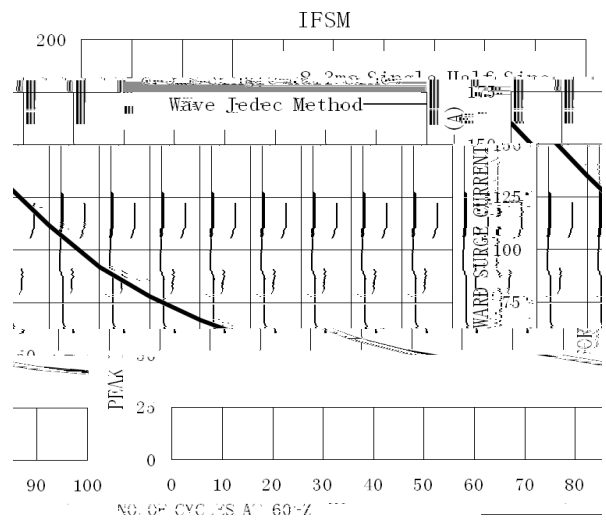
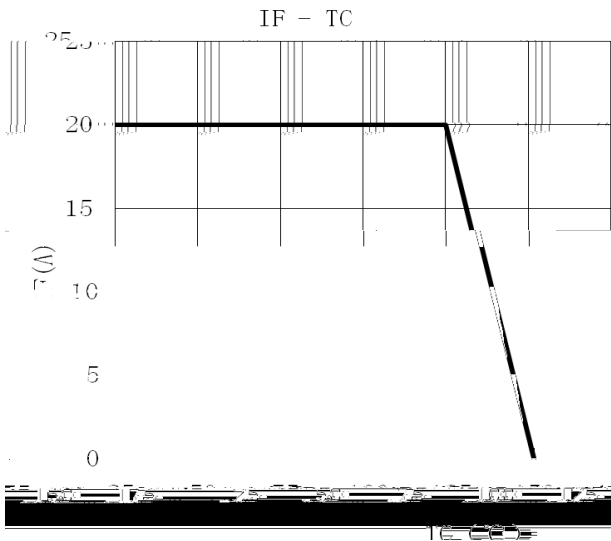
PIN1 Anode          PIN 2 Cathode          PIN 3 Anode

**/ h<sub>FE</sub> Classifications & Marking**

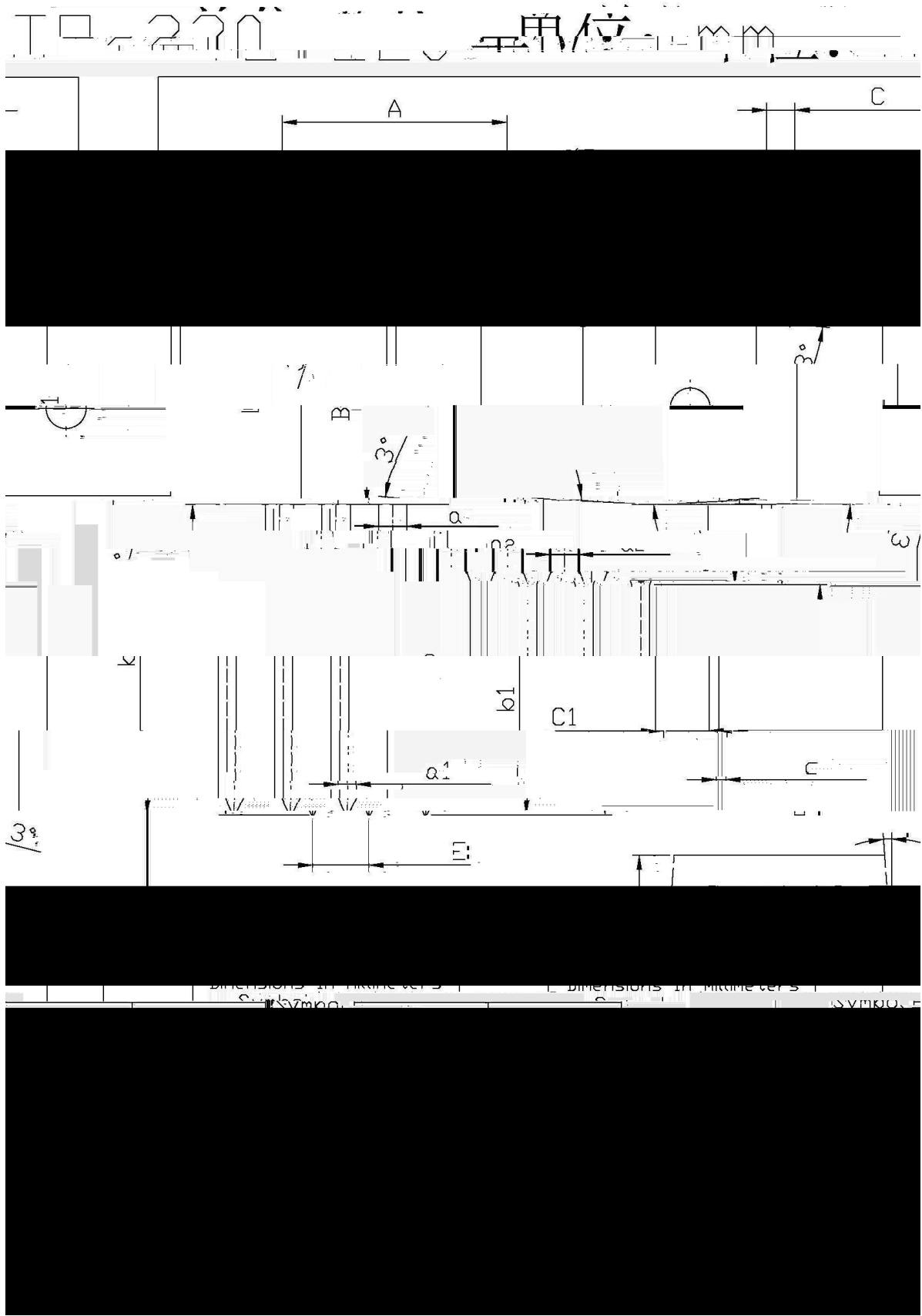
See Marking Instructions.

Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Reverse Voltage	$V_{RRM}$ $V_{RWM}$ $V_{DC}$	45	V
RMS Reverse Voltage	$V_{RMS}$	31.5	V
Average forward rectified Current	$I_F$	2 X 10	A
Non Repetitive Peak Surge Current	$I_{FSM}$	160	A
Thermal Resistance Junction to Case Junction and Storage Temperature Range	$R_{Jc}$ T	2.8	/W

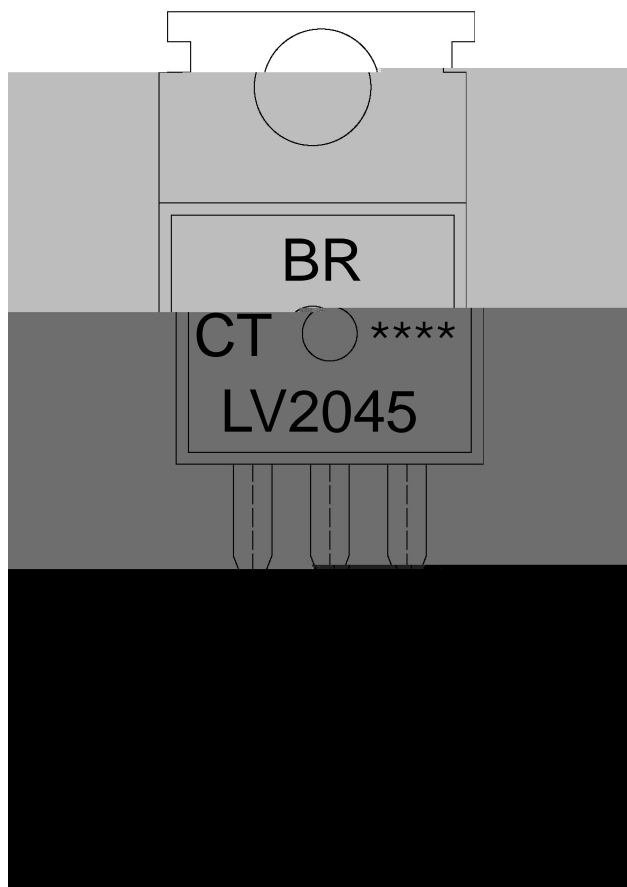
**/ Electrical Characteristic Curve**



/ Package Dimensions



/ Marking Instructions



91  
QV '+,  
: K1  
!!!!  
Note:  
BR: Company Code  
QV '+,  
: K:  
\*\*\*\*: Product Type.  
Internal Structure  
Lot No. Code, code change with Lot No.

**LV2045CT**  
Rev.H Oct-2018

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