/ Descriptions

WR0553 ṂṂ Ł ≠ g⁀ ǁ ˥

TO-220 Plastic package Schottky diode .

/ Features

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

/ Applications

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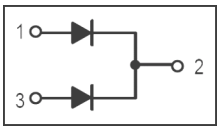
For use in high frequency inverters, switching power supplies, freewheeling diodes, OR-ing diode, dc-to-dc converters and reverse battery protection.

/ Equivalent Circuit



/ Pinning



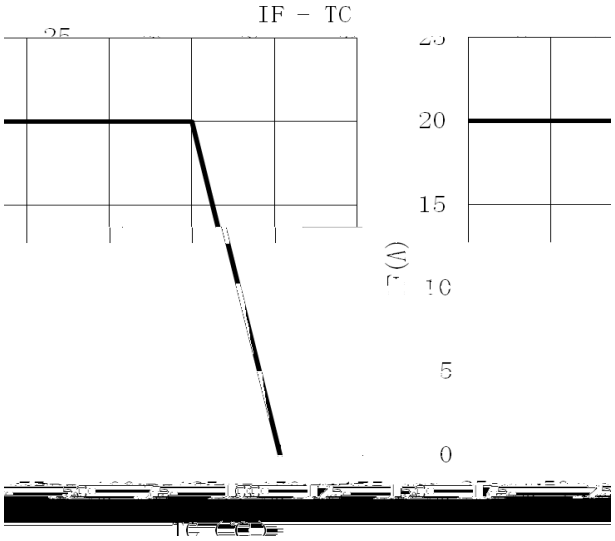
PIN1 χ Anode PIN 2 χ Cathode PIN 3 χ Anode

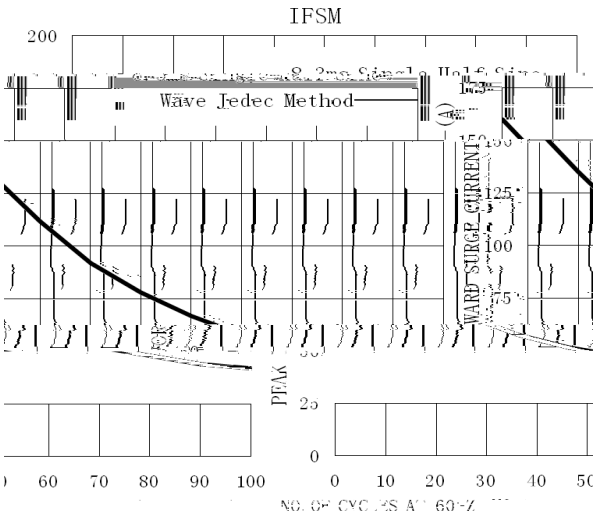
/ h_{FE} Classifications & Marking

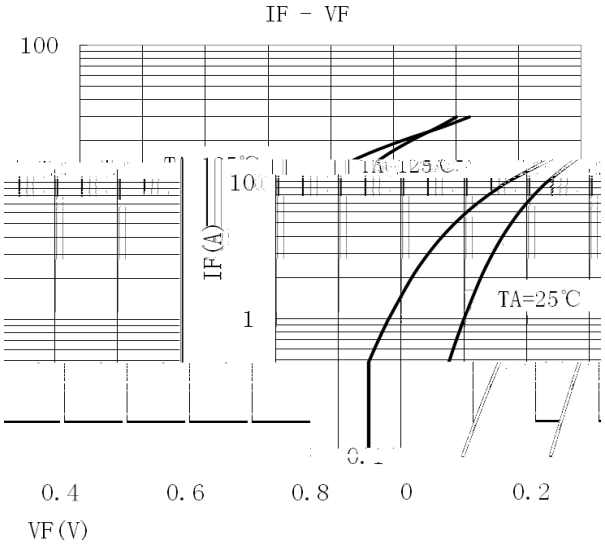
ȯ м ˥ ب ˝ See Marking Instructions.

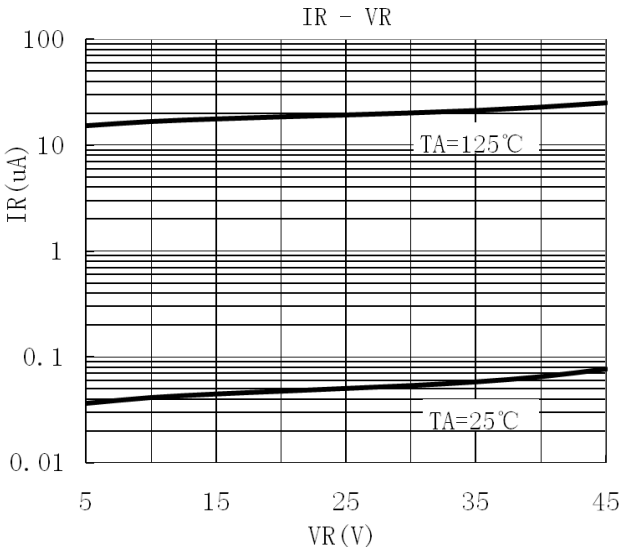
V ˜Ω Parameter	˥ N Symbol	˜Ω Ö Rating	D Ĥ Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Reverse Voltage	V_{RRM} V_{RWM} V_{DC}	45	V
RMS Reverse Voltage	V_{RMS}	31.5	V
Average forward rectified Current	I_F	2 X 10	A
Non Repetitive Peak Surge Current	I_{FSM}	160	A
Thermal Resistance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

/ Electrical Characteristic Curve

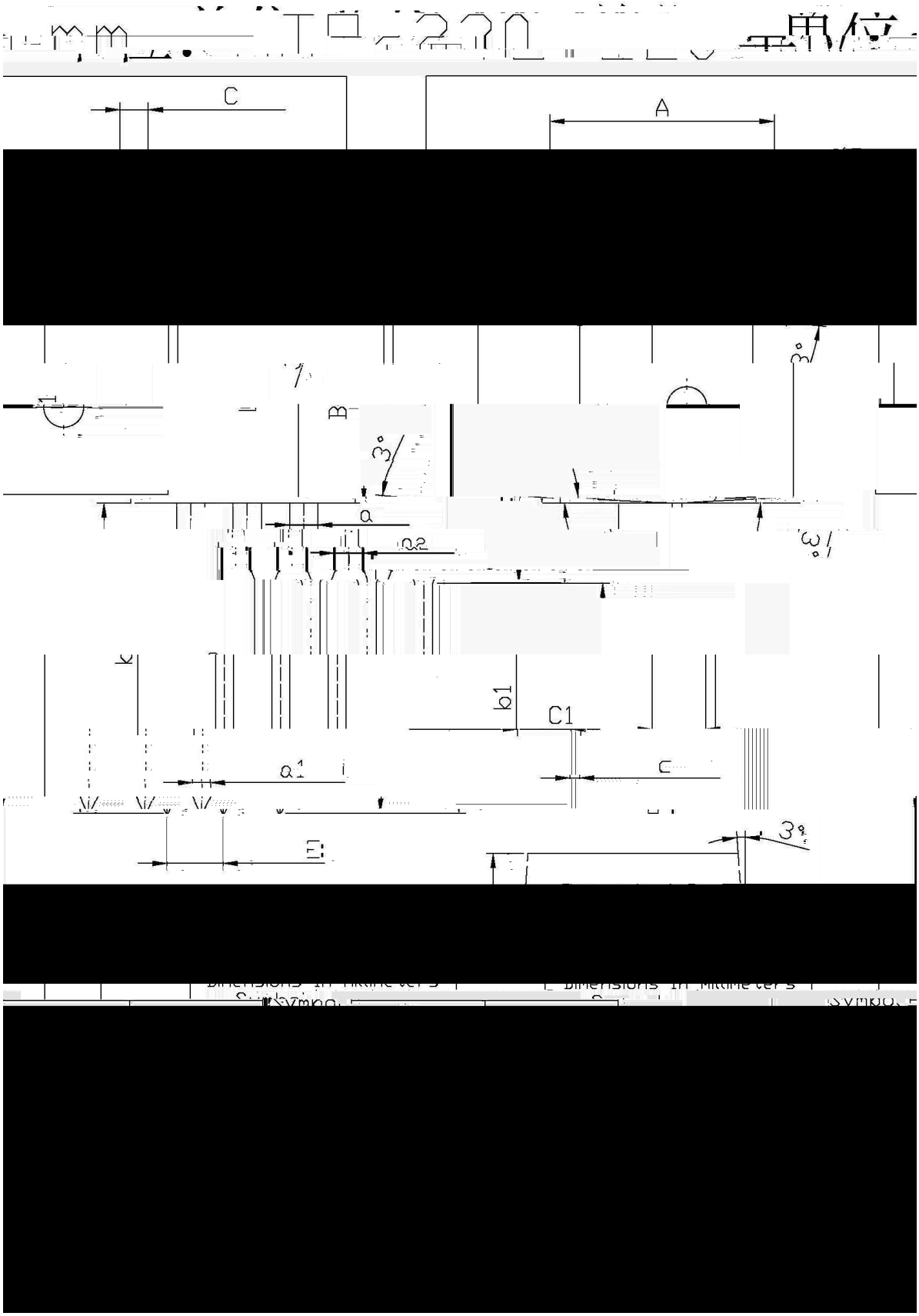




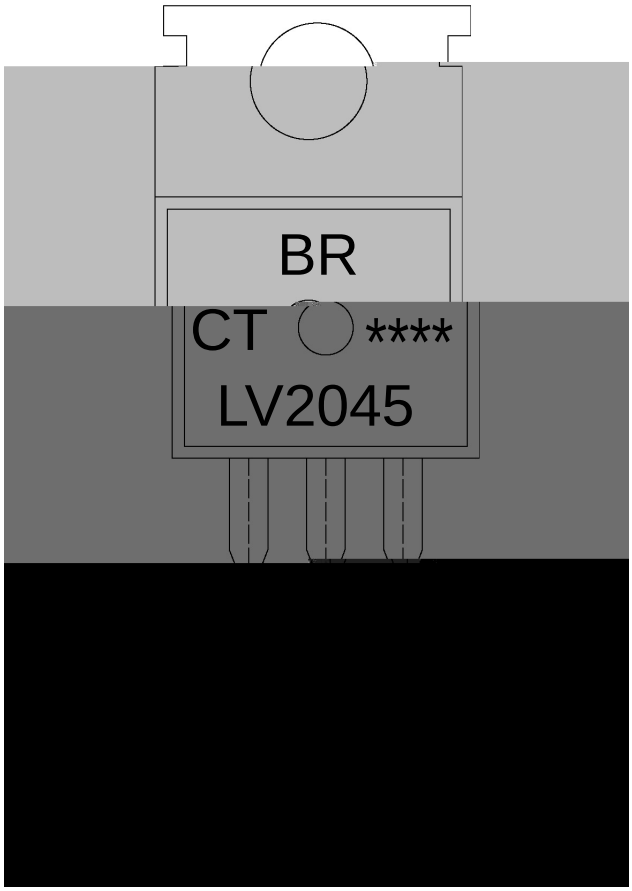




/ Package Dimensions



/ Marking Instructions



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Note:	
BR:	Company Code
0Y5378 χ	Product Type.
FW:	Internal Structure
****:	Lot No. Code, code change with Lot No.

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