/ Descriptions

TO-220S Schottky diode in a TO-220S Plastic Package.

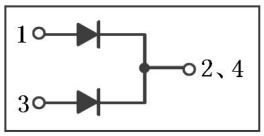
/ Features

Low power loss, high efficiency.

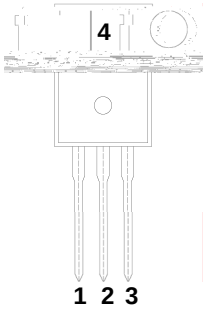
/ Applications

For high frequency, high voltage, high current rectifier diode, freewheeling diode.

/ Equivalent Circuit



/ Pinning



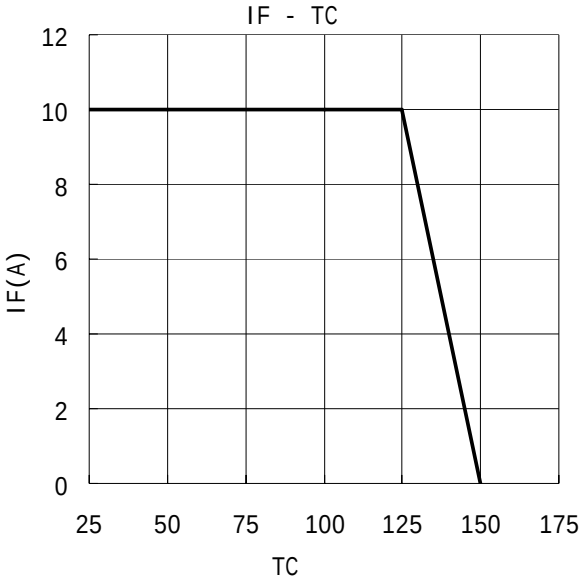
PIN1 Anode PIN 2 Cathode PIN 3 Anode PIN 4 NC

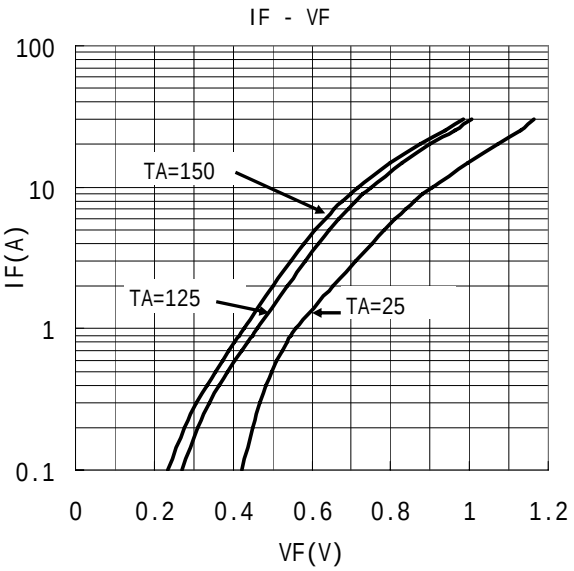
/ h_{FE} Classifications & Marking

See Marking Instructions.

Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage Reverse Voltage	V_{RRM} V_{RWM} V_{RM}	100	V
RMS Reverse Voltage	$V_{R(RMS)}$	70	V
Average Rectified Forward Current	I		

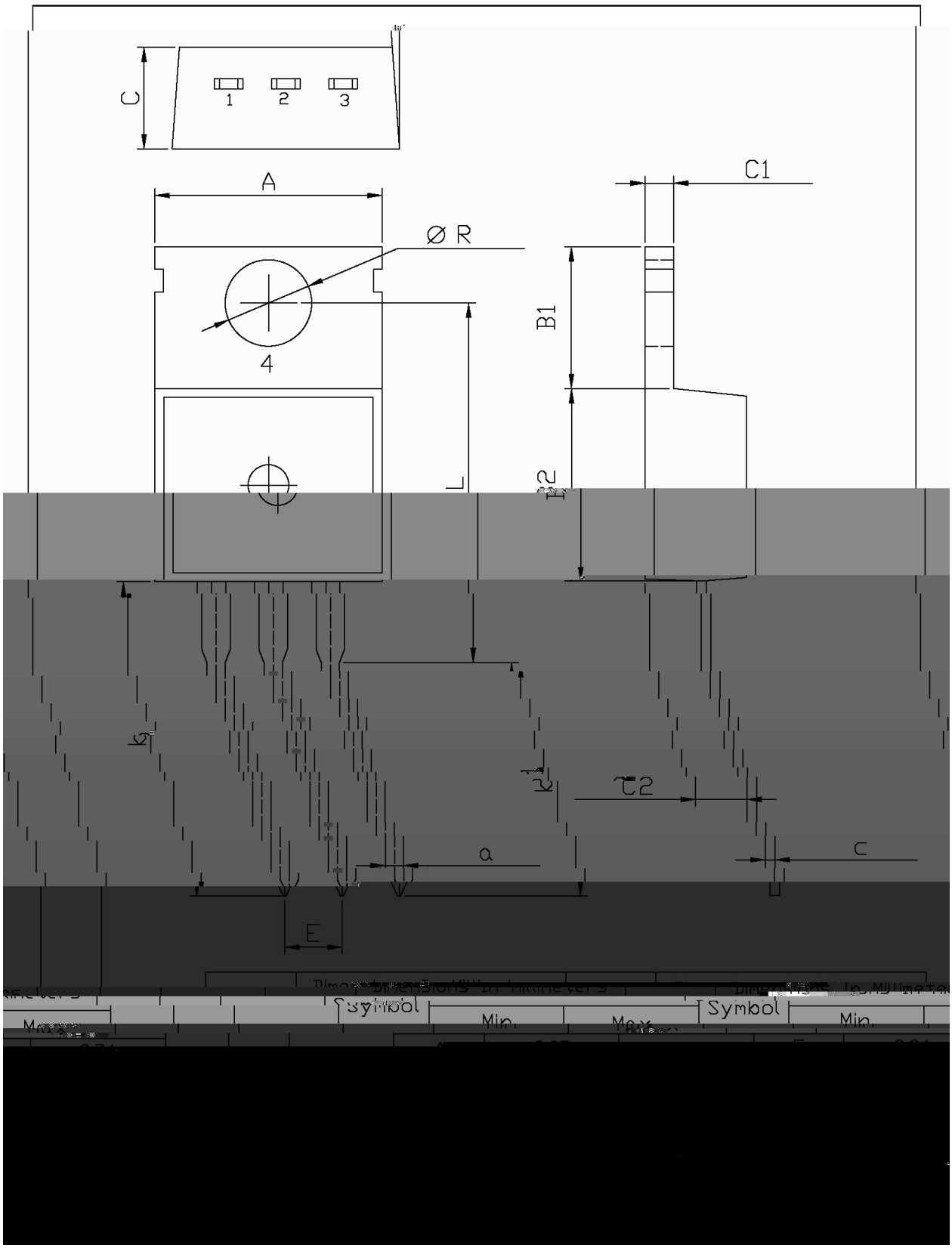
/ Electrical Characteristic Curve



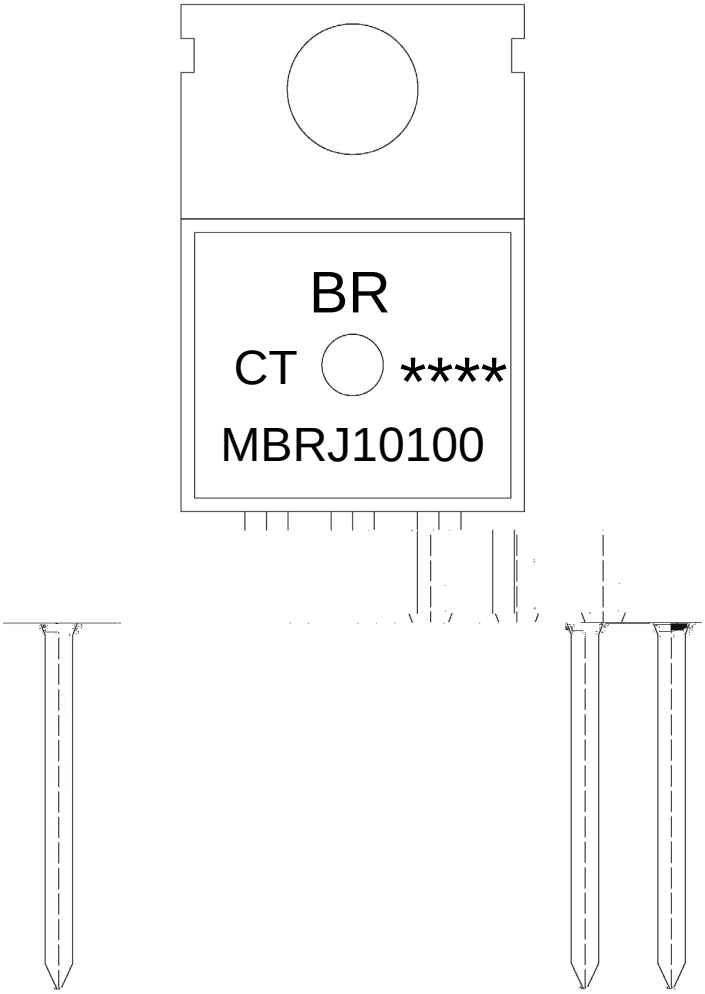


/ Package Dimensions

TO-220S Unit: mm



/ Marking Instructions



BR

MBRJ10100

CT:

****

Note:

BR:	Company Code
MBRJ10100	Product Type.
CT:	Internal Structure
****:	Lot No. Code, code change with Lot No.