



Micro Commercial Components



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RB551V-30

500 mA
Schottky Barrier Diode
30 Volts

SOD-323

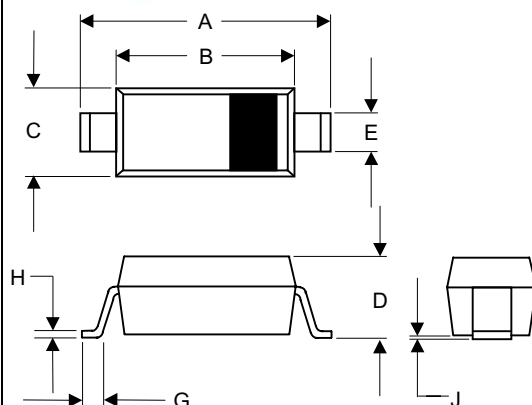
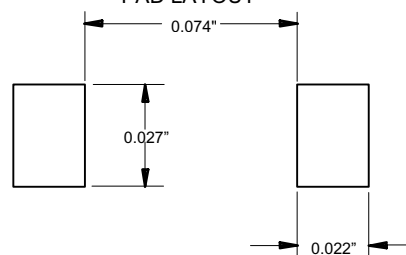


Table with 4 columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. It lists dimensions A through J with their respective minimum and maximum values in inches and millimeters.

SUGGESTED SOLDER PAD LAYOUT



Features

- Halogen free available upon request by adding suffix "-HF"
Marking: D
High Current Rectifier Schottky Diode
Low Voltage, Low Inductance
For Power Supply
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1
Lead Free Finish/RoHS Compliant("P" Suffix designates RoHS Compliant. See ordering information)

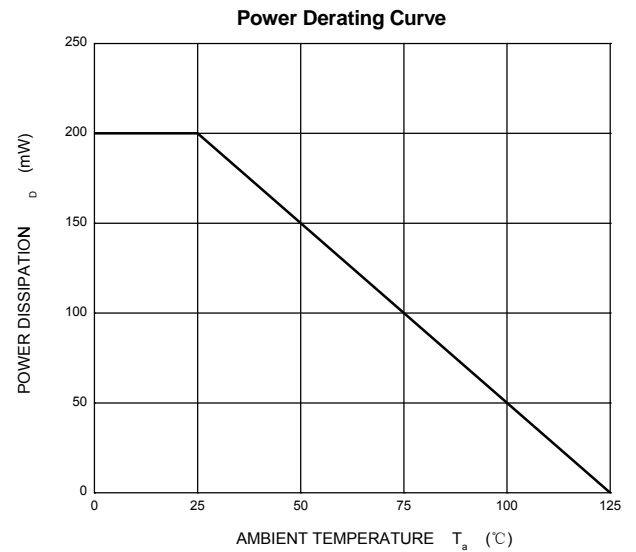
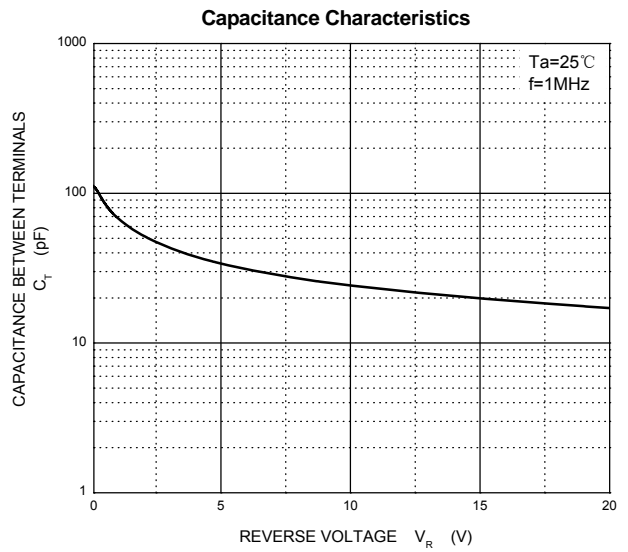
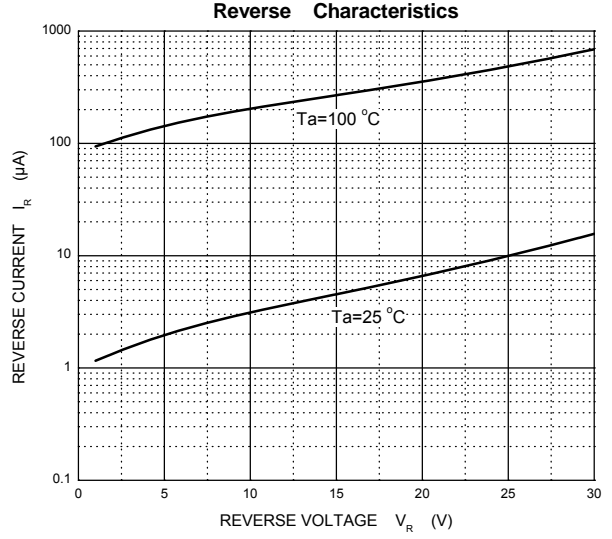
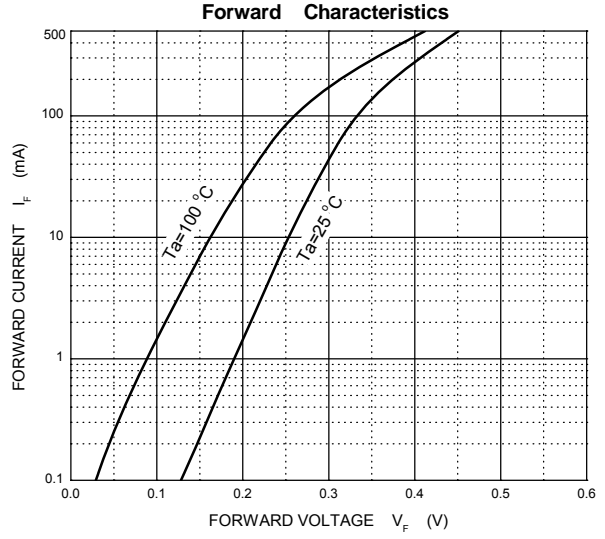
Maximum Ratings

Table with 4 columns: Symbol, Rating, Rating, Unit. It lists maximum ratings for parameters like Peak Reverse Voltage (30V), DC Reverse Voltage (20V), Mean Rectifying Current (500mA), Peak Forward Surge Current (2A), Power Dissipation (200mW), Junction Temperature (125C), and Storage Temperature (-55 to +150C).

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 6 columns: Symbol, Parameter, Min, Typ, Max, Units. It lists off-characteristics for Forward Voltage (0.36-0.47Vdc) and Reverse Current (100µAdc).

Typical Characteristics





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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 3Kpcs/Reel

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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