



Micro Commercial Components



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BAV199WT

Dual Series Switching Diode

Features

- Low Current Leakage
Forward Current:IF=160mA.
Small Outline Surface Mount Package
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1
Marking: K52
Lead Free Finish/Rohs Compliant ("P"Suffix designates RoHS Compliant. See ordering information)
Halogen free available upon request by adding suffix "-HF"

Maximum Ratings @ 25°C Unless Otherwise Specified

Table with 3 columns: Parameter, Symbol, Value. Rows include Peak Repetitive Reverse Voltage, Working Peak Reverse Voltage, RMS Reverse Voltage, Average Rectified Output Current, Non-Repetitive Peak Forward Surge Current, Power Dissipation, Thermal Resistance Junction to Ambient, Operating Temperature, Storage Temperature.

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 6 columns: Symbol, Parameter, Min, Typ, Max, Unit. Rows include Reverse Breakdown Voltage, Forward Voltage, Leakage Current, Junction Capacitance, Reverse recovery time.

SOT-323

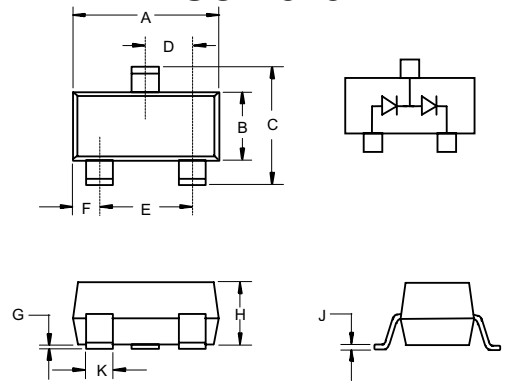
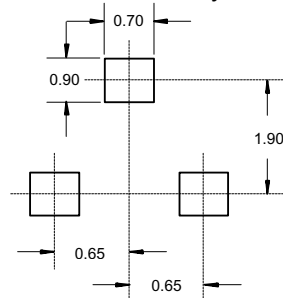
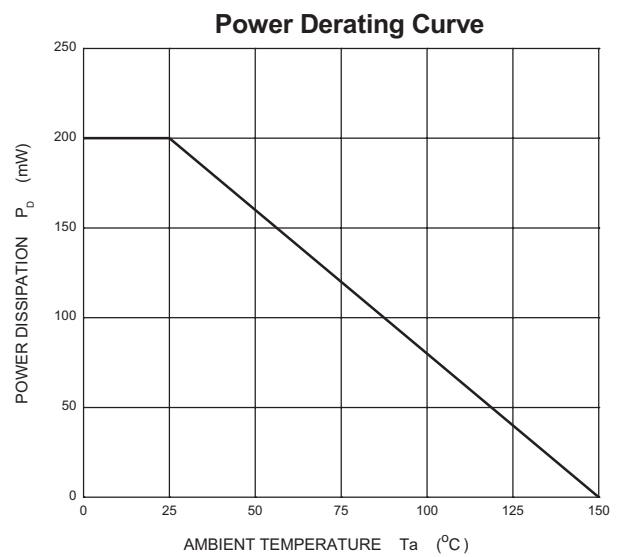
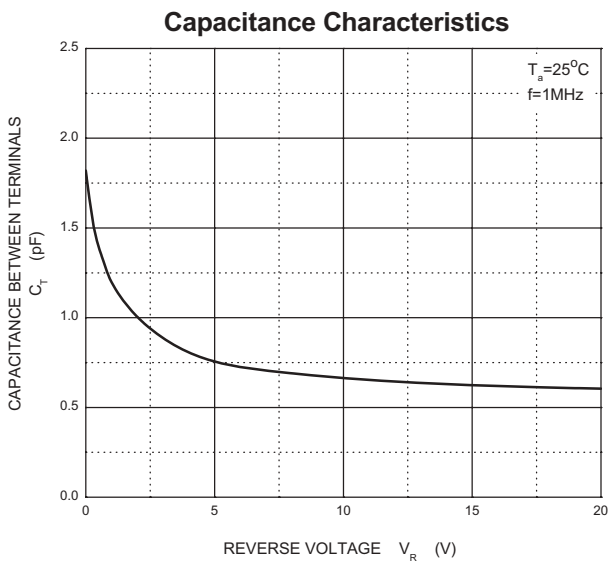
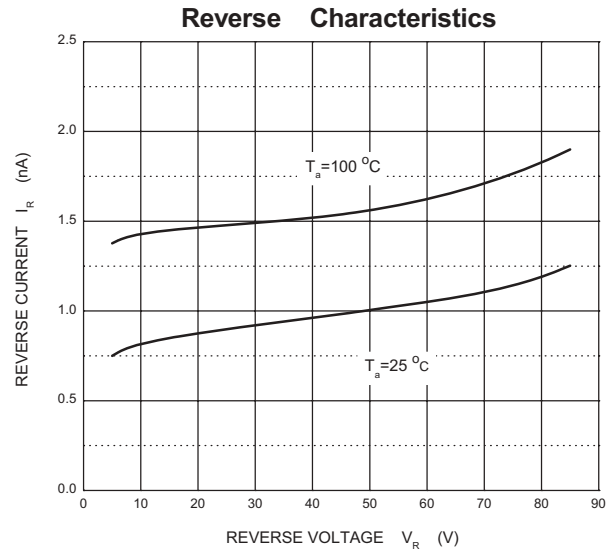
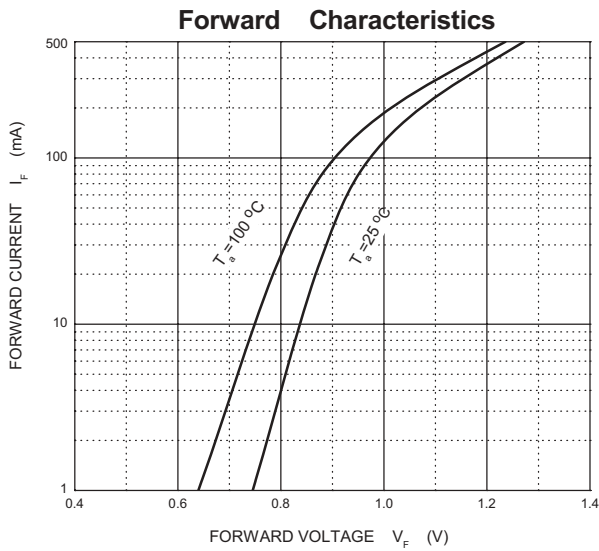


Table with 6 columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), NOTE. Rows A through K.

Suggested Solder Pad Layout



# Typical Characteristics





TM

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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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