



Micro Commercial Components



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20736 Marilla Street Chatsworth
CA 91311
Phone: (818) 701-4933
Fax: (818) 701-4939

BAV99

350mW 70Volt
Dual Series
Switching Diode

Features

- Low Current Leakage
Low Cost
Small Outline Surface Mount Package
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1
Marking:A7/JG
Lead Free Finish/Rohs Compliant ("P" Suffix designates RoHS Compliant. See ordering information)

Maximum Ratings

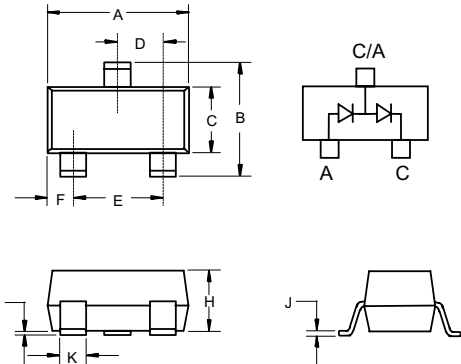
- Operating Temperature: -55°C to +150°C
Storage Temperature: -55°C to +150°C
Maximum Thermal Resistance; 357K/W Junction To Ambient

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 4 columns: Parameter, Symbol, Value, and Conditions. Rows include Reverse Voltage, Average Rectified Output Current, Power Dissipation, Peak Forward Surge Current, Maximum Instantaneous Forward Voltage, Maximum DC Reverse Current At Rated DC Blocking Voltage, Typical Junction Capacitance, and Reverse Recovery Time.

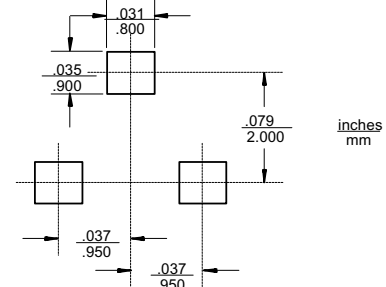
*Pulse test: Pulse width 300 µsec, Duty cycle 2%

SOT-23



DIMENSIONS table with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Rows A through K correspond to the dimensions in the diagram.

Suggested Solder Pad Layout



BAV99

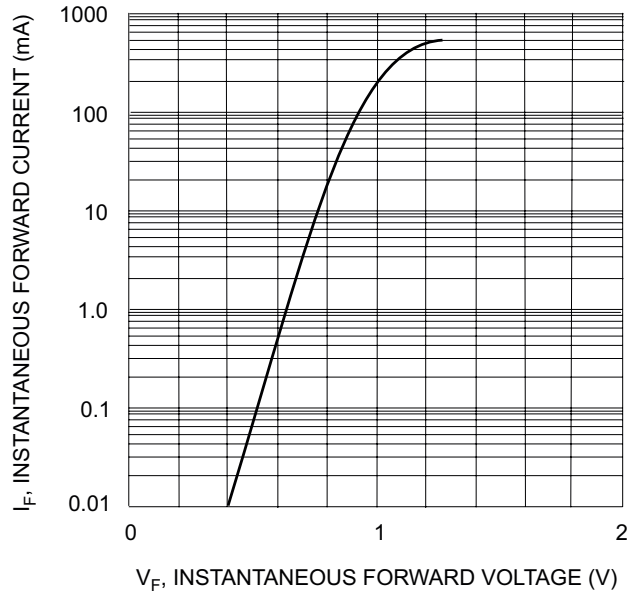


Fig. 1 Forward Characteristics

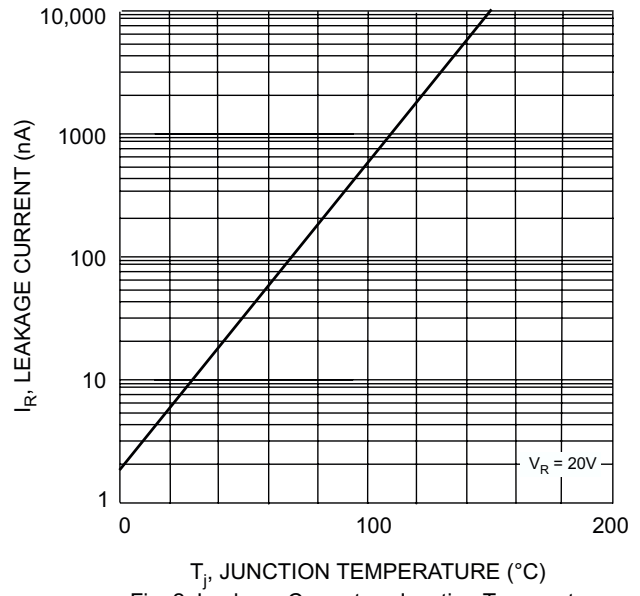


Fig. 2 Leakage Current vs Junction Temperature



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Ordering Information :

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

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