

Obsolete



Micro Commercial Components



Micro Commercial Components
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BAV300
THRU
BAV303

Switching Diodes

Features

- Saving Space
• Silicon Epitaxial Planar Diodes
• Hermetic Sealed Parts
• Fits onto SOD-323/SOT-23 footprints
• Electrical data identical with the devices BAV100...BAV103
• Moisture Sensitivity Level 1
• Lead Free Finish/RoHS Compliant(Note 1) ("P" Suffix designates RoHS Compliant. See ordering information)

Maximum Ratings

Table with 4 columns: Parameter, Part Number, Symbol, Value, and Conditions. Rows include Continuous Reverse Voltage, Repetitive Peak Reverse Voltage, Forward DC Current, Repetitive Peak Forward Current, Surge Forward Current, Thermal Resistance, Junction temperature, and Storage temperature Range.

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 4 columns: Parameter, Symbol, Value, and Conditions. Rows include Maximum Forward Voltage, Maximum Leakage current, Maximum Leakage current (BR), Diode Capacitance, Maximum Reverse recovery time, and Differential Forward Resistance.

Notes: 1. Lead in Glass Exemption Applied, see EU Directive Annex 5.
2. mounted on epoxy-glass hard tissue, Fig.4 35 μ m copper clad, 0.9 mm² copper area per electrode

MICROMELF

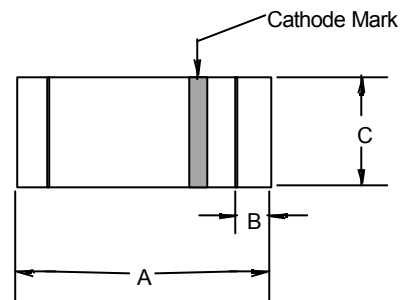
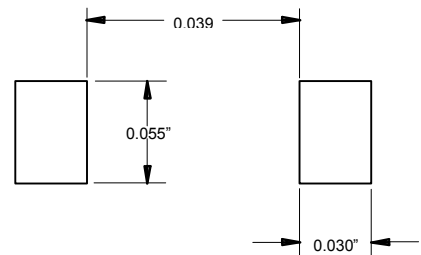


Table with 6 columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Rows A, B, and C.

SUGGESTED SOLDER PAD LAYOUT



BAV300 THRU BAV303



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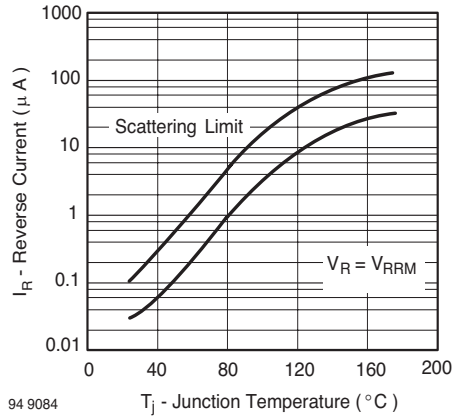


Fig. 1 Reverse Current vs. Junction Temperature

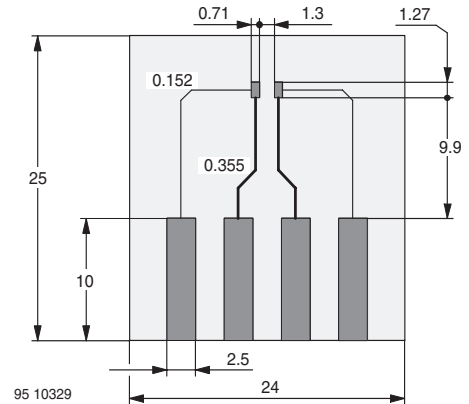


Fig. 4 Board for R_{thJA} definition (in mm)

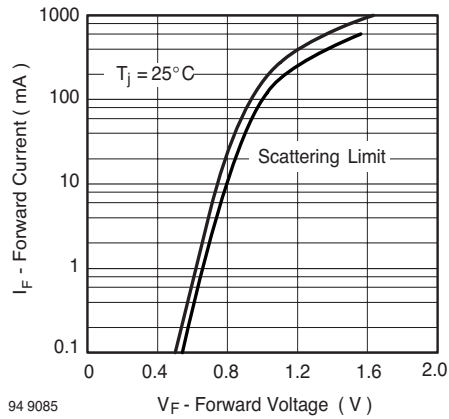


Fig. 2 Forward Current vs. Forward Voltage

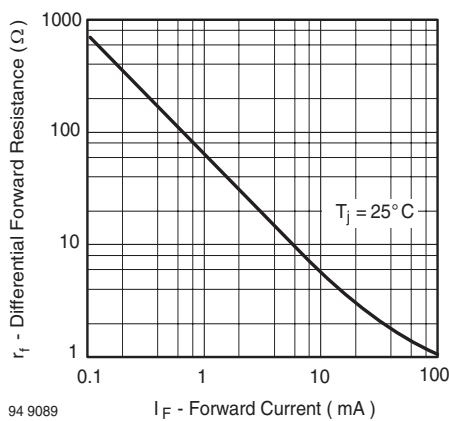


Fig. 3 Differential Forward Resistance vs. Forward Current



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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 2.5Kpcs/Reel

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