



Micro Commercial Components



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

BAS86

200mW
Small Signal Schottky
Barrier Diodes
50 Volts

Features

- Moisture Sensitivity Level 1
This diode features low turn-on voltage
The devices are protected by a PN junction guard ring against excessive voltage, such as electrostatic discharges
This diode is also available in a DO-35 case with type designation BAT86
Lead Free Finish/RoHS Compliant(Note 1) ("P" Suffix designates RoHS Compliant. See ordering information)

Maximum Ratings

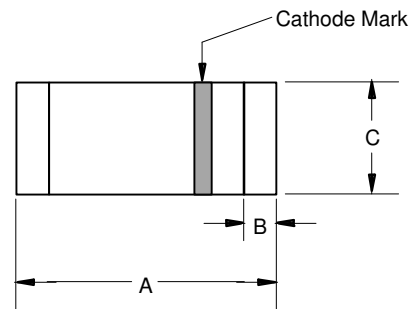
Table with 4 columns: Symbol, Rating, Rating, Unit. Rows include V_R, I_F, I_FRM, P_tot, R_JA, T_J, T_STG.

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 6 columns: Symbol, Parameter, Min, Typ, Max, Units. Rows include V_(BR)R, V_F, I_R, C_tot, t_tr.

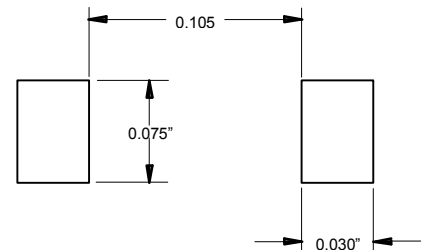
Notes:1. Lead in Glass Exemption Applied, see EU Directive Annex 7(C)-I.
2. Valid provided that electrodes are kept at ambient temperature

MINIMELF



DIMENSIONS table with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Rows A, B, C.

SUGGESTED SOLDER PAD LAYOUT



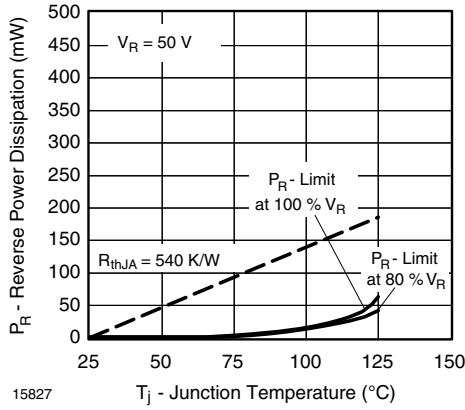


Figure 1. Max. Reverse Power Dissipation vs. Junction Temperature

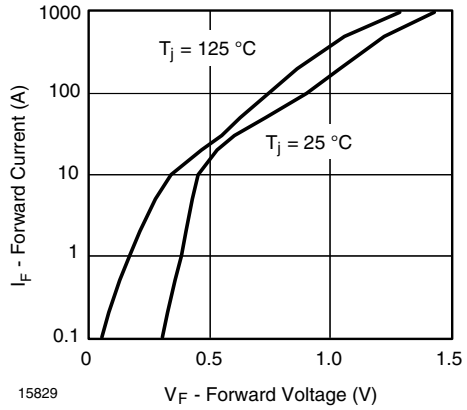


Figure 3. Forward Current vs. Forward Voltage

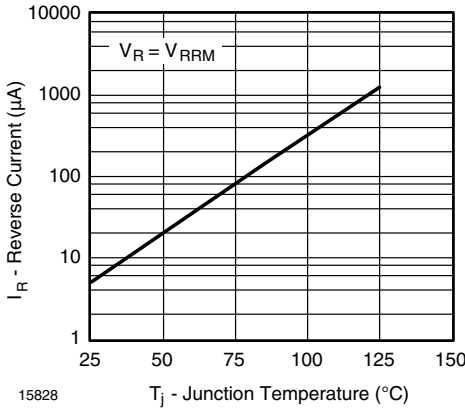


Figure 2. Reverse Current vs. Junction Temperature

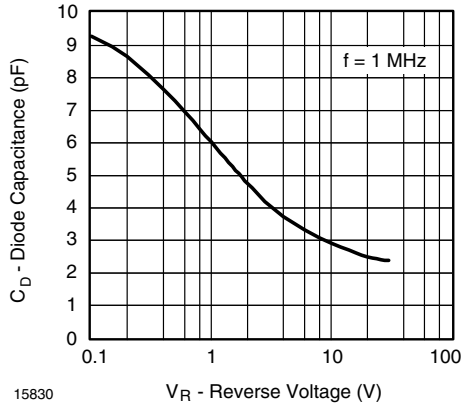


Figure 4. Diode Capacitance vs. Reverse Voltage



TM

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Ordering Information :

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

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