



Micro Commercial Components



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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 5.
2. Valid provided that electrodes are kept at ambient temperature

MINIMELF

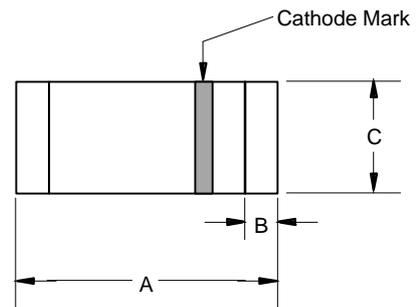
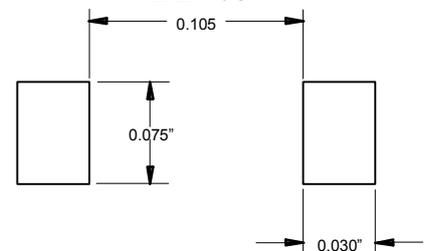
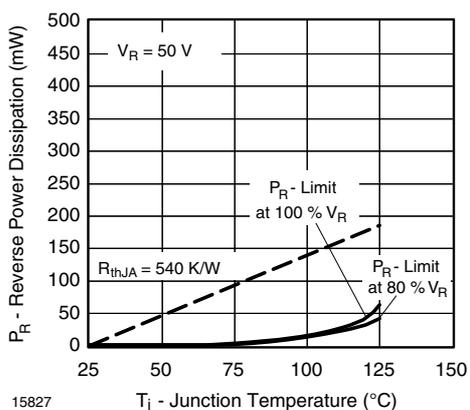


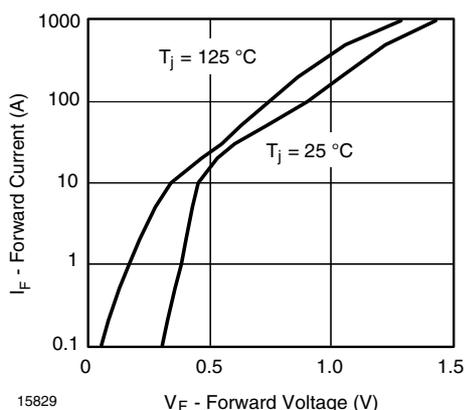
Table titled DIMENSIONS with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Rows A, B, C.

SUGGESTED SOLDER PAD LAYOUT

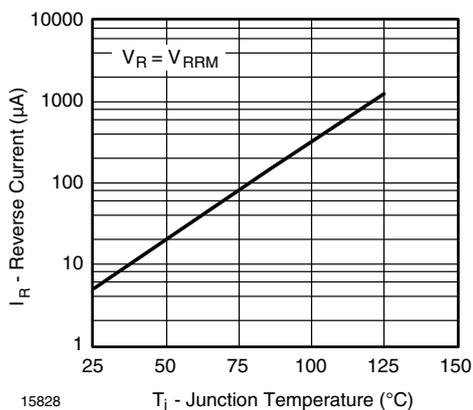




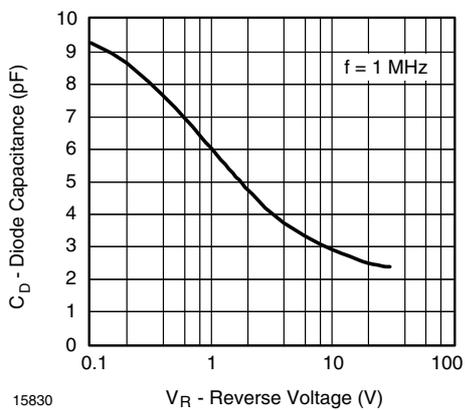
15827  
Figure 1. Max. Reverse Power Dissipation vs. Junction Temperature



15829  
Figure 3. Forward Current vs. Forward Voltage



15828  
Figure 2. Reverse Current vs. Junction Temperature



15830  
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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