



Micro Commercial Components



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BAS40-04T
BAS40-05T
BAS40-06T

Features

- Pow Dissipation PD=150mW Tamb=25°C
• Forward Current IF=200mA
• Reverse Voltage VR=40V
• Halogen free available upon request by adding suffix "-HF"
• Epoxy meets UL 94 V-0 flammability rating
• Moisture Sensitivity Level 1
• Lead Free Finish/Rohs Compliant ("P"Suffix designates RoHS Compliant. See ordering information)

Maximum Ratings

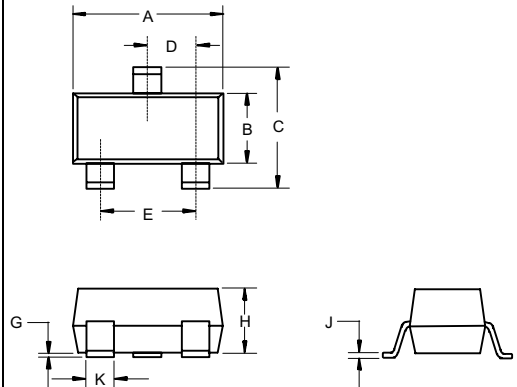
- Operating Temperature: -65°C to +150°C
• Storage Temperature: -65°C to +150°C

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 4 columns: Parameter, Symbol, Value, and Test Conditions. Rows include Reverse Breakdown Voltage, Maximum Instantaneous Forward Voltage, Maximum DC Reverse Current, Total Capacitance, and Reverse Recovery Time.

150mW 40Volt
Plastic-Encapsulate
Diode

SOT-523



DIMENSIONS table with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Rows A through K provide specific dimension values.

BAS40T/-04T/-05T/-06T

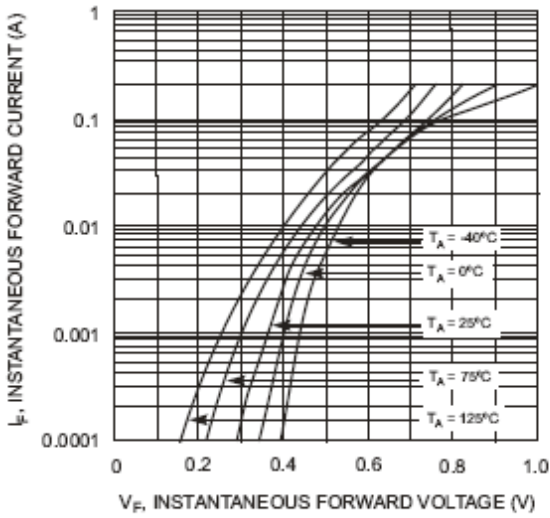


Fig. 1 Typical Forward Voltage

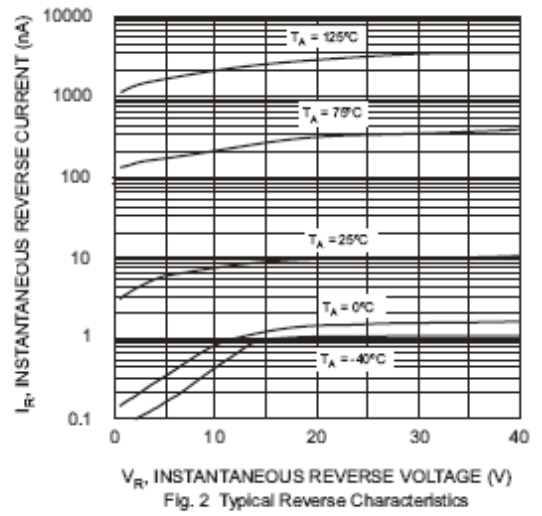


Fig. 2 Typical Reverse Characteristics

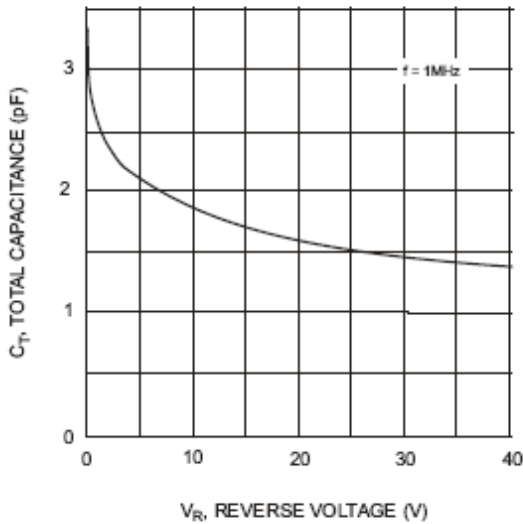


Fig. 3 Typical Capacitance

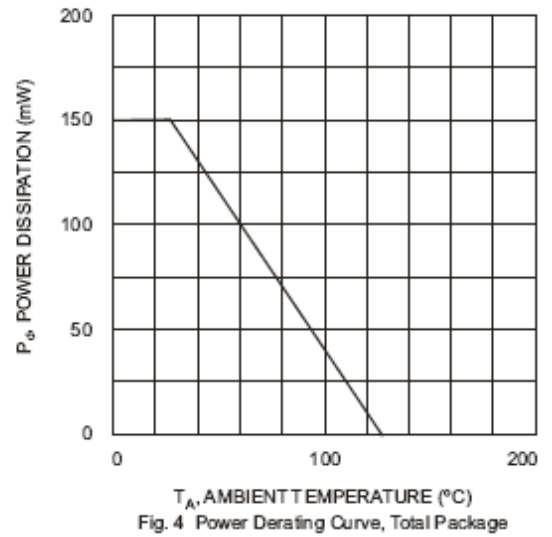
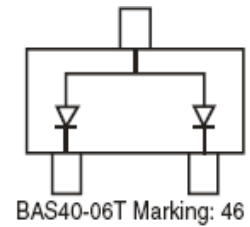
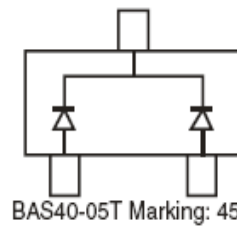
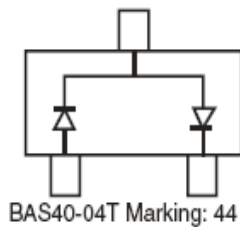
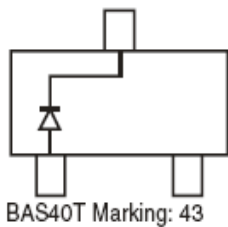


Fig. 4 Power Derating Curve, Total Package

Marking:





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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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