



Micro Commercial Components



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BAS40WT/-04/-05/-06

Features

- Pow Dissipation PD=200mW Tamb=25°C
• Forward Current IF=200mA
• Breakdown Voltage VBR=40V
• Lead Free Finish/Rohs Compliant ("P"Suffix designates RoHS Compliant. See ordering information)
• Halogen free available upon request by adding suffix "-HF"

Maximum Ratings

- Operating Temperature: -55°C to +150°C
• Storage Temperature: -55°C to +150°C
• Epoxy meets UL 94 V-0 flammability rating
• Moisture Sensitivity Level 1

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, Typical Junction Capacitance, and Reverse Recovery Time.

200mW 40Volt Plastic-Encapsulate Diode

SOT-323

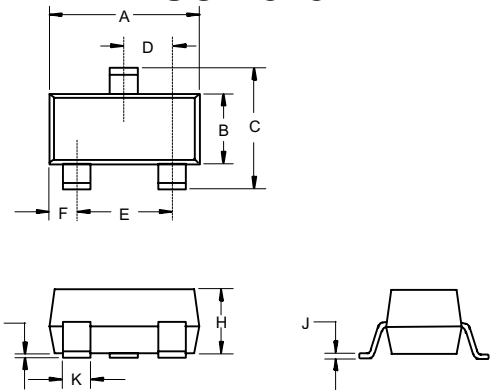
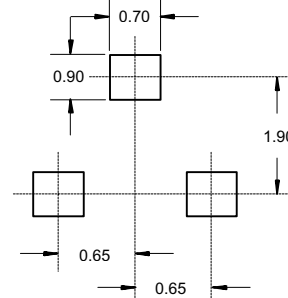


Table titled 'DIMENSIONS' with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Lists dimensions A through K.

Suggested Solder Pad Layout



BAS40WT

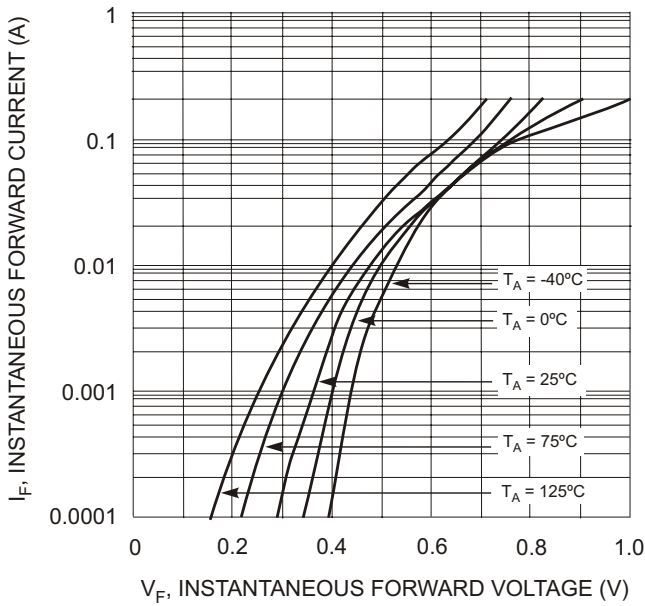


Fig. 1 Typical Forward Voltage

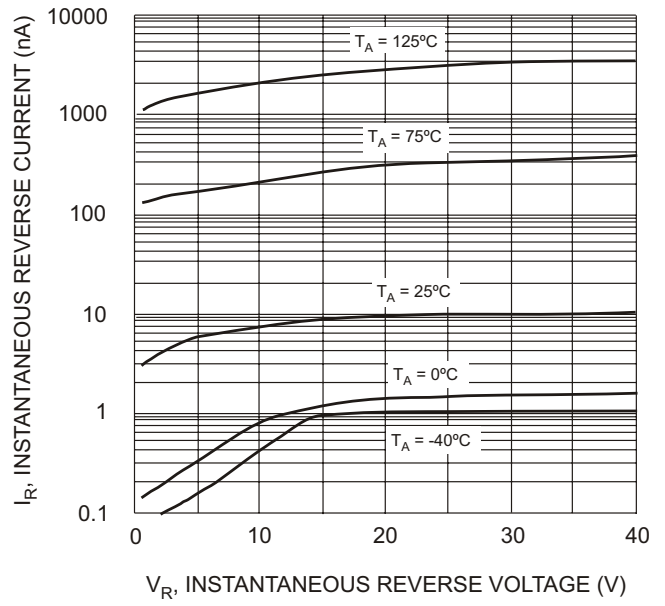


Fig. 2 Typical Reverse Characteristics

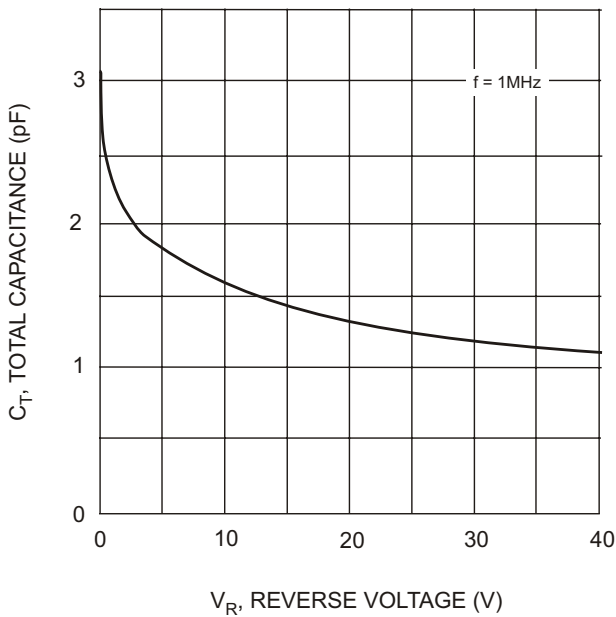
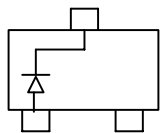
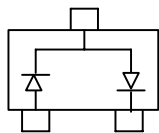


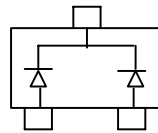
Fig. 3 Typical Capacitance



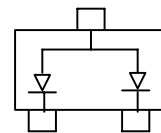
BAS40WT Marking:43/K43/S40



BAS40WT-04 Marking:44/K44/S42



BAS40WT-05 Marking:45/K45/S43



BAS40WT-06 Marking:46/K46/S44



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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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