



Micro Commercial Components



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BAT54T
THRU
BAT54ST

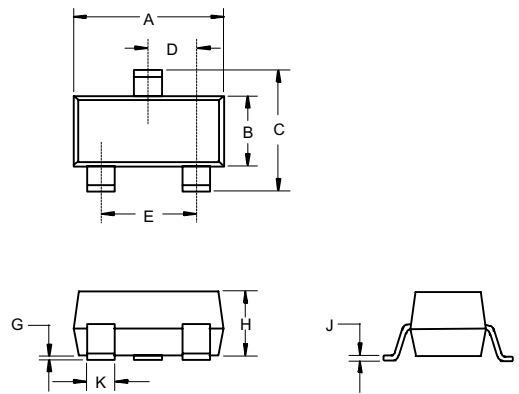
Features

- Ultra-Small Surface Mount Package
Low Forward Voltage Drop
Halogen free available upon request by adding suffix "-HF"
PN Junction Guard Ring for Transient and ESD Protection
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)

Table with 4 columns: MCC Part Number, Device Marking, Type, Pin Configuration. Rows include BAT54T, BAT54AT, BAT54CT, BAT54ST.

150mWatt, 30Volt
Schottky Barrier Diode

SOT-523



Maximum Ratings

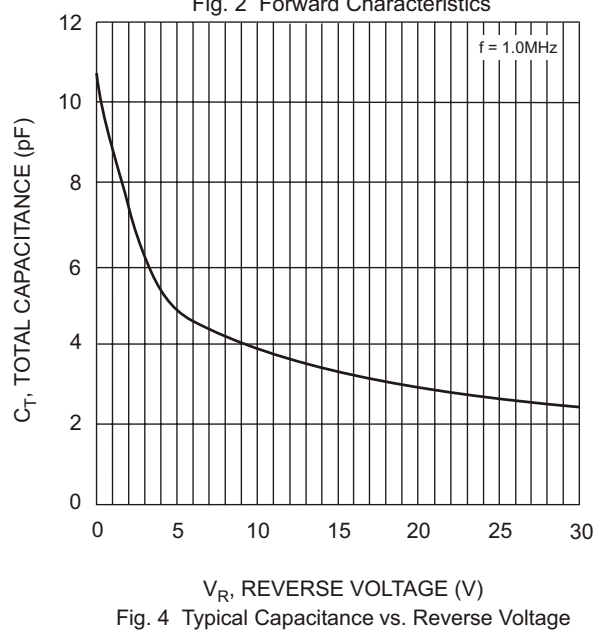
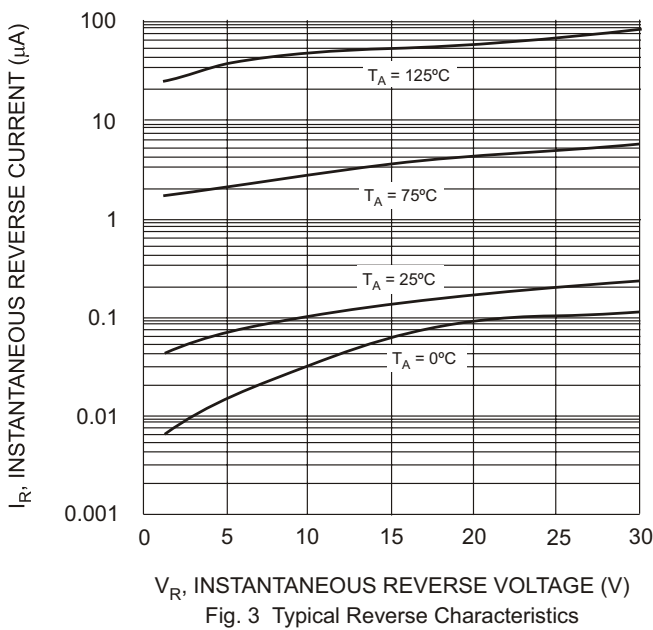
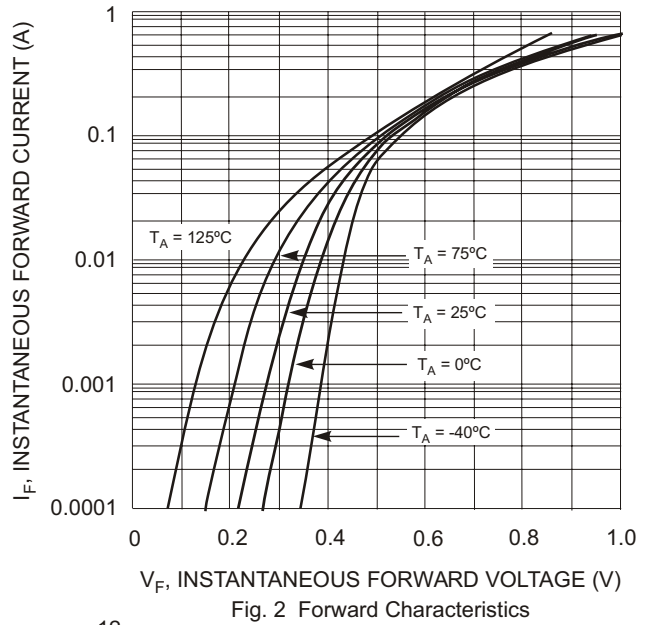
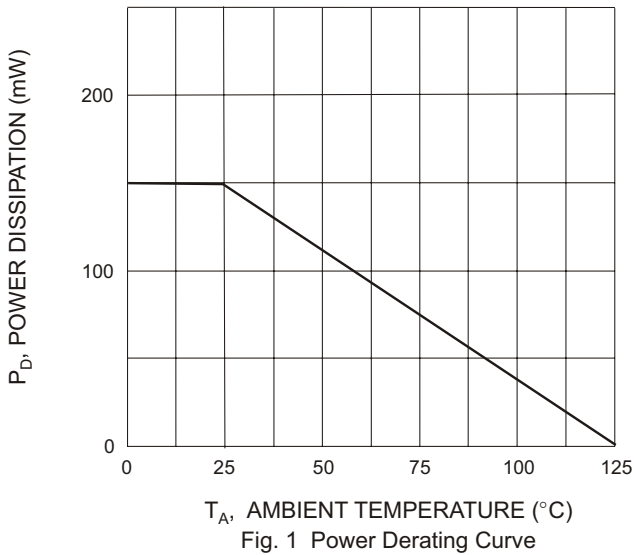
Table with 3 columns: Parameter, Symbol, Value. Includes DC Blocking Voltage, Average Rectified Output Current, Repetitive Peak Forward Current, etc.

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 4 columns: Ratings, Symbol, Max., Notes. Includes Forward Voltage, Reverse Current, Reverse Breakdown Voltage, Total Capacitance, Reverse Recovery Time.

DIMENSIONS table with columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), NOTE. Lists dimensions A through K.

BAT54T thru BAT54ST



Pin Configuration - Top View

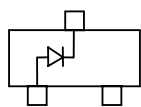


Figure 1

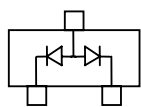


Figure 2

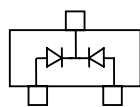


Figure 3

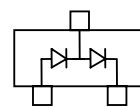


Figure 4



TM

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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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Mouser Electronics

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[BAT54AT-TP](#) [BAT54ST-TP](#) [BAT54CT-TP](#) [BAT54T-TP](#)