



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Micro Commercial Components



Micro Commercial Components
20736 Marilla Street Chatsworth
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Phone: (818) 701-4933
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BAT54WX

200mWatt, 30Volt
Schottky Diodes

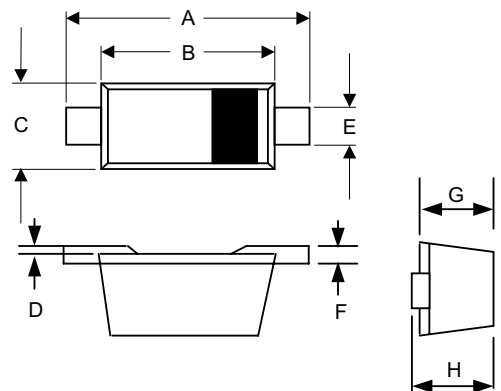
Features

- Extremely-Fast Switching Speed
Low Forward Voltage Drop
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1
Marking Code: JV
Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)

Maximum Ratings

Table with 4 columns: Symbol, Rating, Rating, Unit. Rows include V_RRM, V_RWM, V_R, I_F, R_thetaJA, P_D, T_J, T_STG, I_FRM, I_FSM.

SOD-523

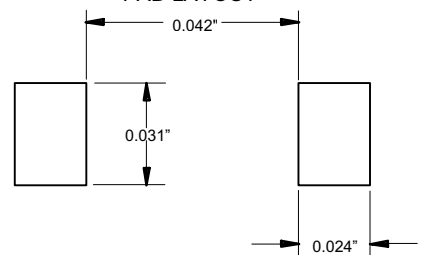


Electrical Characteristics @ 25°C Unless Otherwise Specified

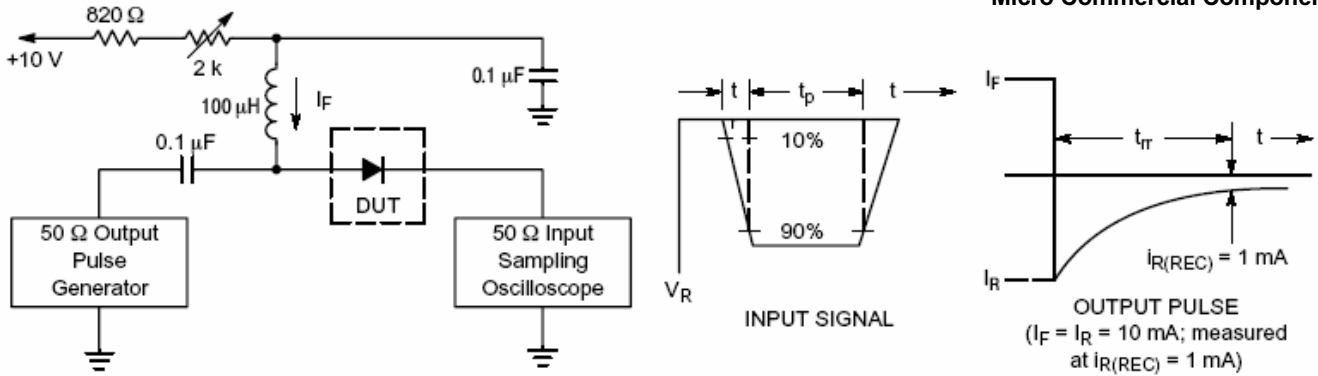
Table with 5 columns: Symbol, Parameter, Min, Max, Test Conditions. Rows include V_BR, I_R, V_F, C_T, t_rr.

Table with 5 columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), NOTE. Rows include dimensions A through H.

SUGGESTED SOLDER PAD LAYOUT



BAT54WX



- Notes: 1. A 2.0 kΩ variable resistor adjusted for a Forward Current (I_F) of 10 mA.
 2. Input pulse is adjusted so $I_{R(peak)}$ is equal to 10 mA.
 3. $t_p \gg t_{tr}$

Figure 1. Recovery Time Equivalent Test Circuit

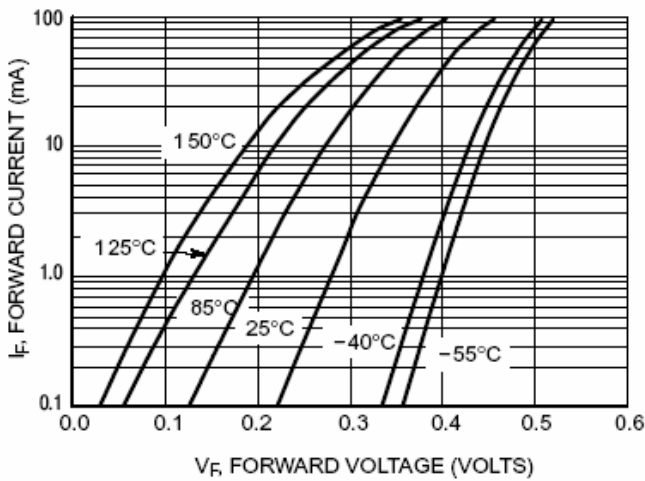


Figure 2. Forward Voltage

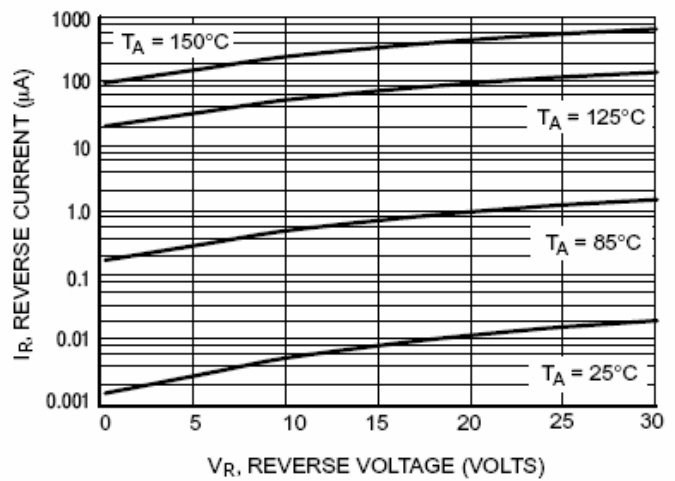


Figure 3. Leakage Current

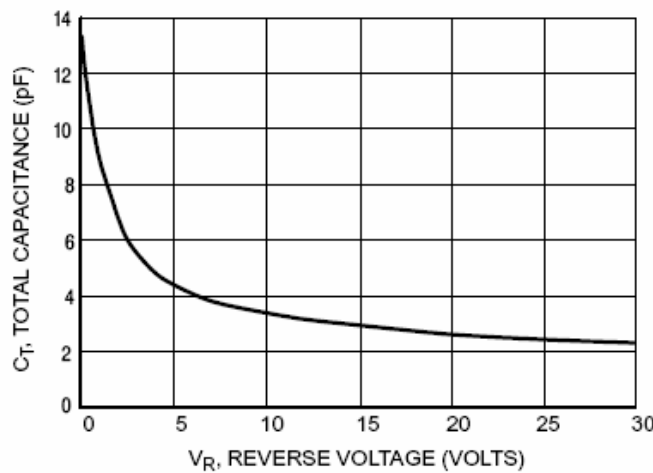


Figure 4. Total Capacitance



Micro Commercial Components

Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 8Kpcs/Reel

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