



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
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CA 91311
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BAT54CM

Features

- Extremely Fast Switching Speed
Low Forward Voltage Drop
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)
Marking:KL3

Maximum Ratings

Table with 3 columns: Rating, Symbol, Value. Includes Peak Repetitive Reverse Voltage, RMS Reverse Voltage, Average Forward Current, etc.

Electrical Characteristics @ 25°C Unless Otherwise Specified

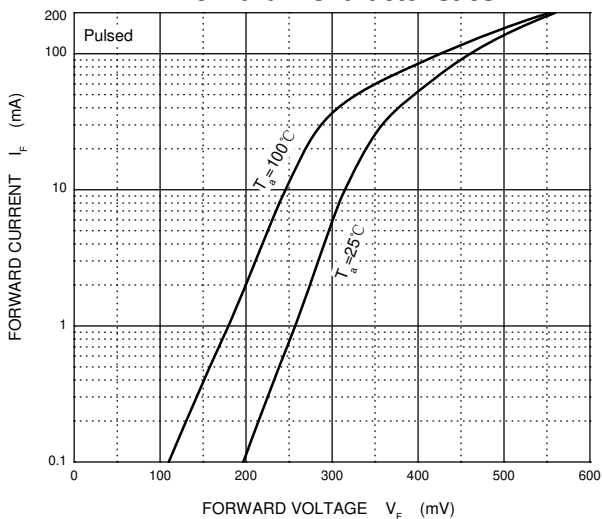
Table with 4 columns: Ratings, Symbol, Max., Notes. Includes Forward Voltage, Reverse Current, Reverse Breakdown Voltage, Total Capacitance, Reverse Recovery Time.

150mWatt, 30Volt Schottky Barrier Diode

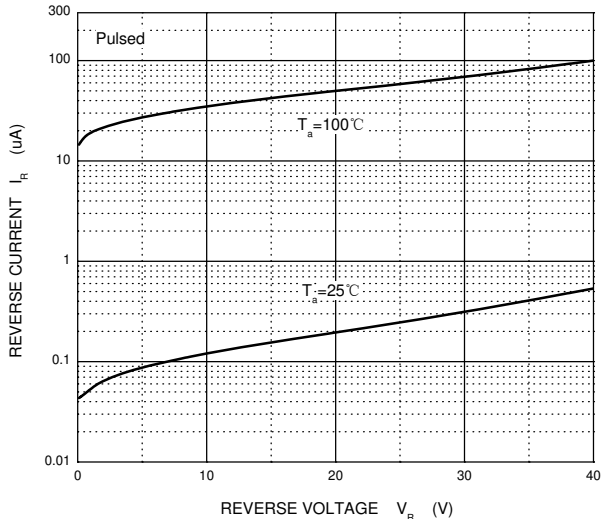
SOT-723 package diagrams and dimensions table. Includes mechanical drawings and a table with dimensions in inches and mm.

BAT54CM

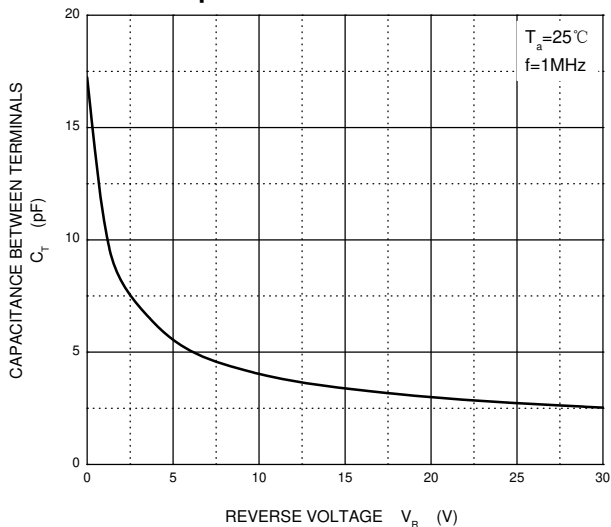
Forward Characteristics



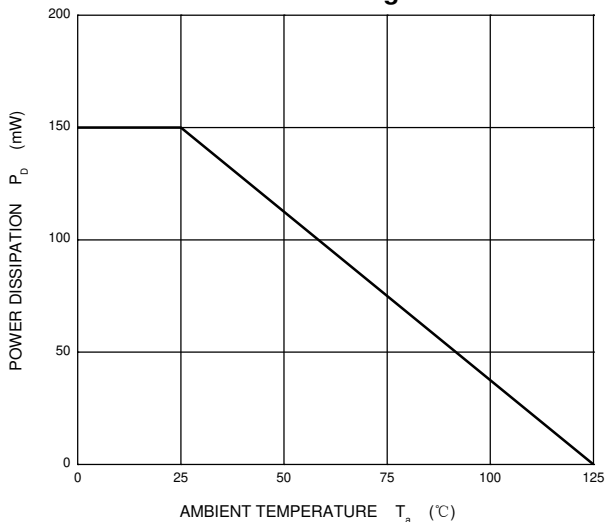
Reverse Characteristics



Capacitance Characteristics



Power Derating Curve





Micro Commercial Components

Ordering Information :

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

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

IMPORTANT NOTICE

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LIFE SUPPORT

MCC's products are not authorized for use as critical components in life support devices or systems without the express written approval of Micro Commercial Components Corporation.

CUSTOMER AWARENESS

Counterfeiting of semiconductor parts is a growing problem in the industry. Micro Commercial Components (MCC) is taking strong measures to protect ourselves and our customers from the proliferation of counterfeit parts. MCC strongly encourages customers to purchase MCC parts either directly from MCC or from Authorized MCC Distributors who are listed by country on our web page cited below. Products customers buy either from MCC directly or from Authorized MCC Distributors are genuine parts, have full traceability, meet MCC's quality standards for handling and storage. **MCC will not provide any warranty coverage or other assistance for parts bought from Unauthorized Sources.** MCC is committed to combat this global problem and encourage our customers to do their part in stopping this practice by buying direct or from authorized distributors.

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