



Micro Commercial Components



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20736 Marilla Street Chatsworth
CA 91311
Phone: (818) 701-4933
Fax: (818) 701-4939

BAT54CM

150mWatt, 30Volt
Schottky Barrier Diode

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 (VR), RMS Reverse Voltage (VR(RMS)), Average Forward Current (IO), Repetitive Peak Forward Current (IFRM), Non-Repetitive Peak Forward Current (IFSM), Power Dissipation (PD), Storage Temperature Range (Tstg), Junction Temperature (Tj), Thermal Resistance Junction to Ambient (RthetaJA).

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 4 columns: Ratings, Symbol, Max., Notes. Includes Forward Voltage (VF), Reverse Current (IR), Reverse Breakdown Voltage (VBR), Total Capacitance (Ctot), Reverse Recovery Time (trr).

SOT-723

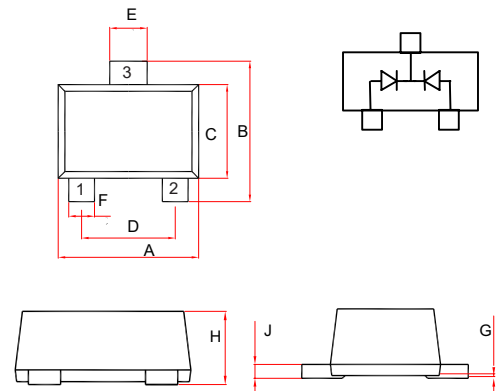
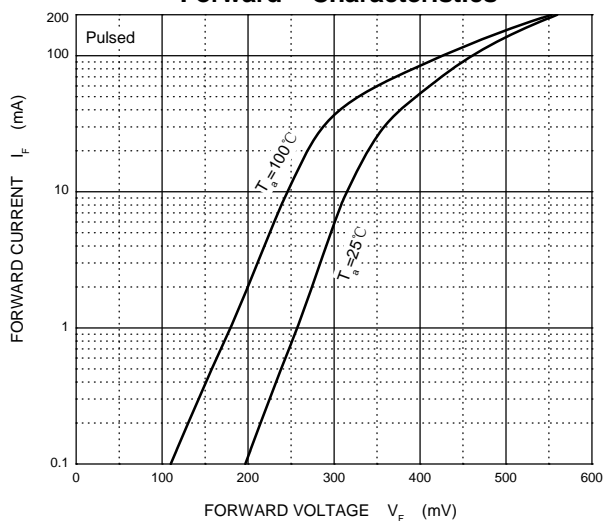


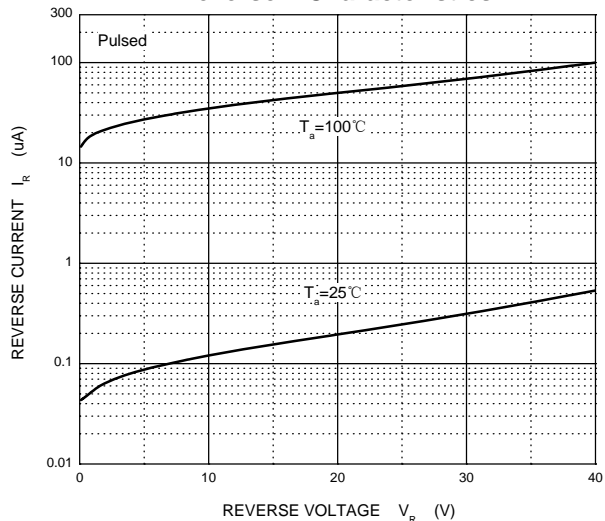
Table with 6 columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), NOTE. Lists dimensions A through J with their respective minimum and maximum values in inches and millimeters.

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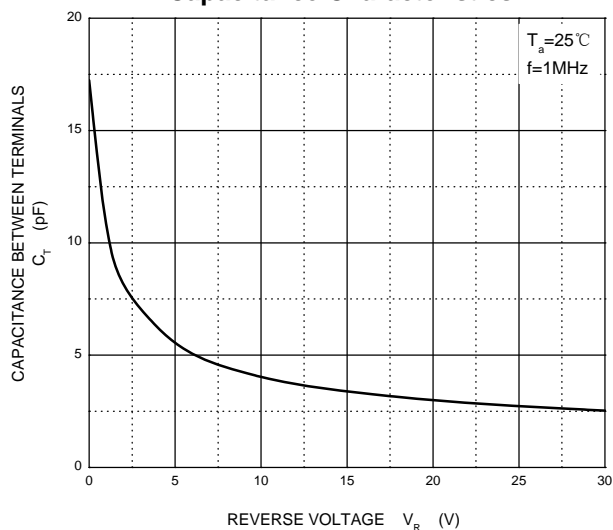
Forward Characteristics



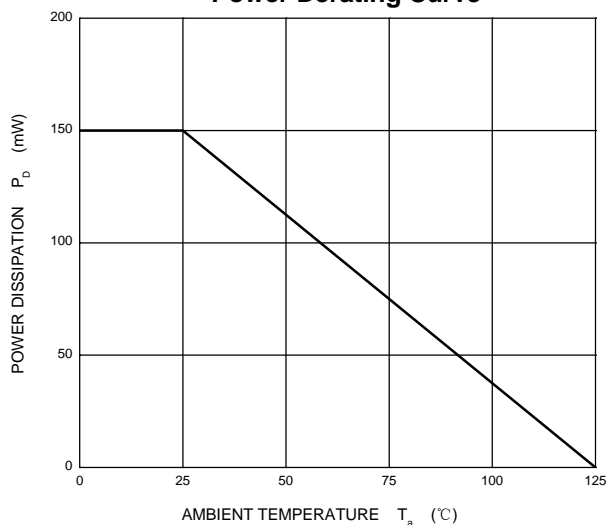
Reverse Characteristics



Capacitance Characteristics



Power Derating Curve





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Ordering Information :

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

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

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