



Micro Commercial Components

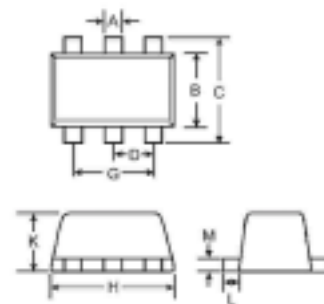


Micro Commercial Components
20736 Marilla Street Chatsworth
CA 91311
Phone: (818) 701-4933
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MMBD4448V

150mW
Switching Diodes

SOT-563



DIMENSIONS

Table with 6 columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Rows A through M.

Features

- Fast Switching Speed
For General Purpose Switching Applications
High Conductance
Surface Mount Package Ideally Suited for Automatic Insertion
Lead Free Finish/Rohs Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1
Halogen free available upon request by adding suffix "-HF"

Maximum Ratings

Table with 4 columns: Symbol, Parameter, Rating, Unit. Rows include V_RM, V_RRM, V_RWM, V_R, V_R(RMS), I_FM, I_O, I_FSM, R_thetaJA, P_D, T_J, T_STG.

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.

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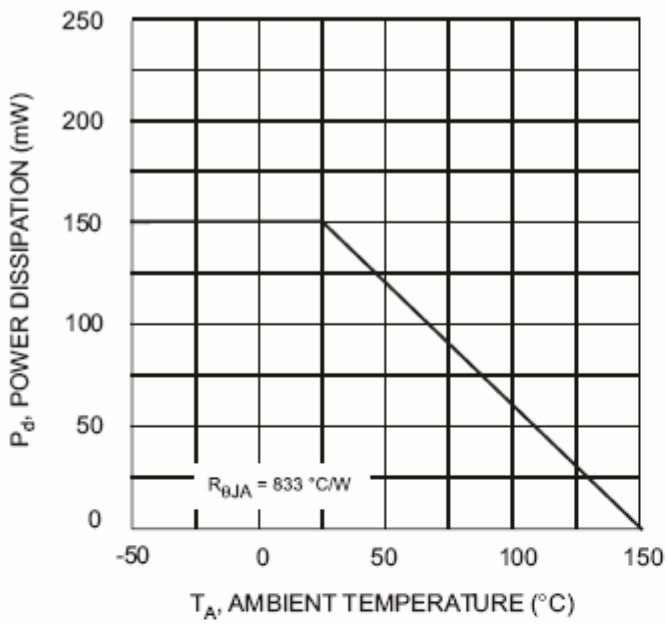


Fig. 1, Derating Curve - Total

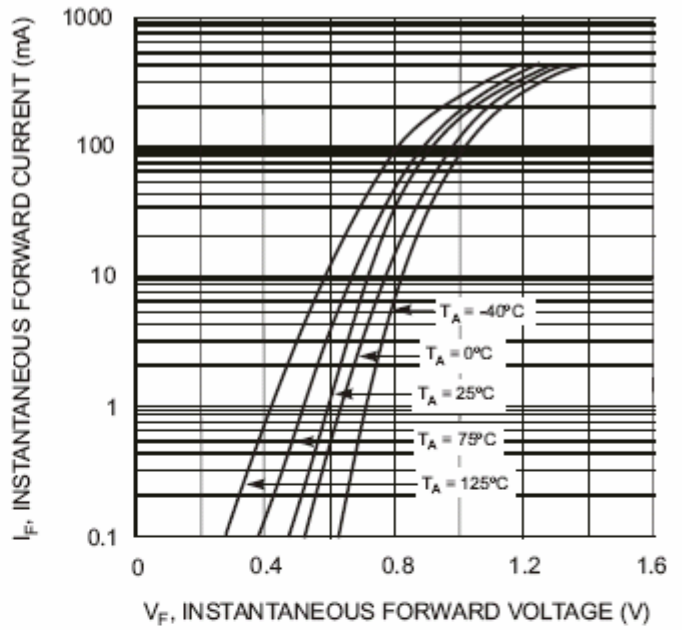


Fig. 2 Typical Forward Characteristics

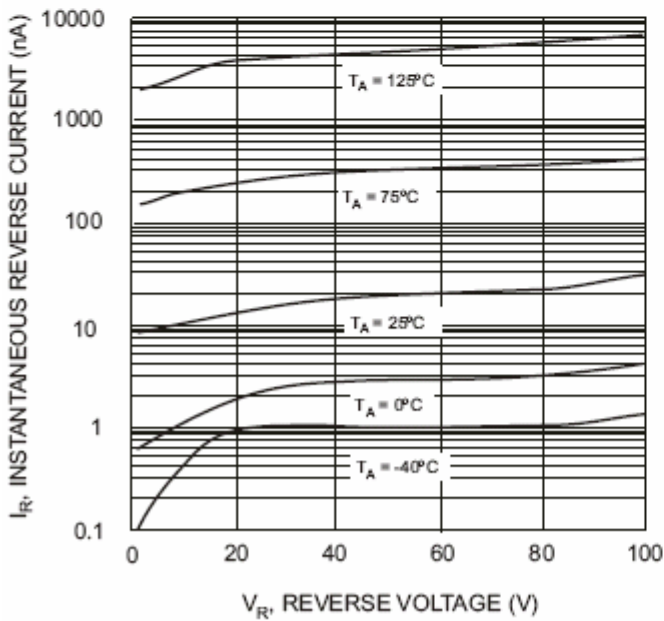


Fig. 3 Typical Reverse Characteristics

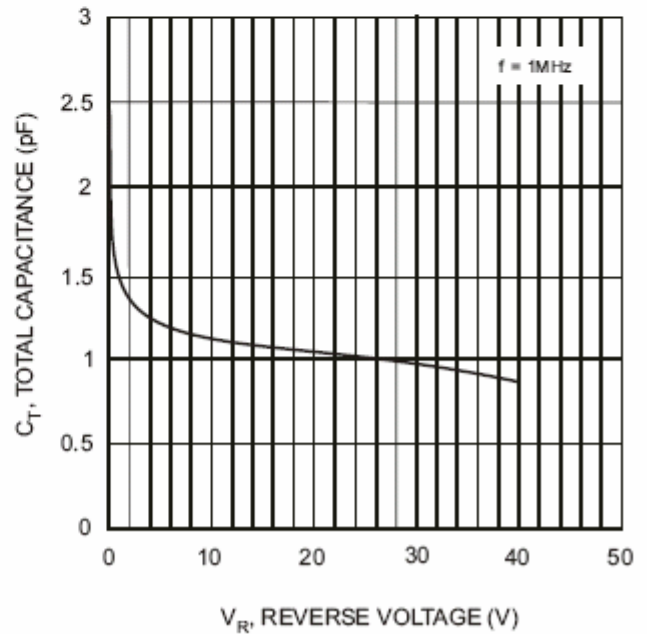
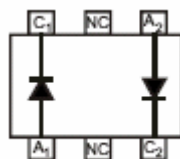


Fig. 4 Typical Capacitance vs. Reverse Voltage



MARKING: KAL



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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