



Micro Commercial Components



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1N4148W

High Speed
Switching Diode
400mW

Features

- Halogen free available upon request by adding suffix "-HF"
Fast switching speed
Surface Mount Package Ideally Suited for Automatic Insertion
For general purpose switching applications
High conductance
Lead Free Finish/RoHS Compliant("P" Suffix designates RoHS Compliant. See ordering information)

Mechanical Data

- Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1
Terminals: Solderable per MIL-STD-202, Method 208
Polarity: Indicated by Cathode Band
Weight: 0.01 grams (approx.)
Marking Code: T4,A2

Absolute maximum Ratings

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

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 5 columns: Symbol, Parameter, Min, Max, Units

OFF CHARACTERISTICS

Table with 5 columns: Symbol, Parameter, Min, Max, Units. Rows include V_F, I_R, C_T, T_rr.

SOD123

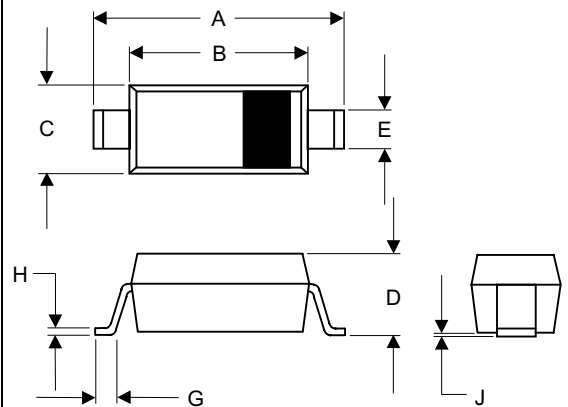
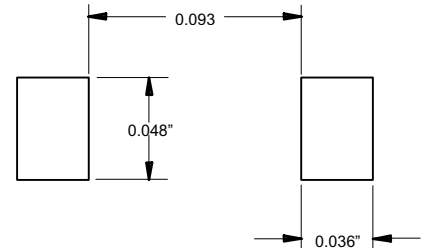
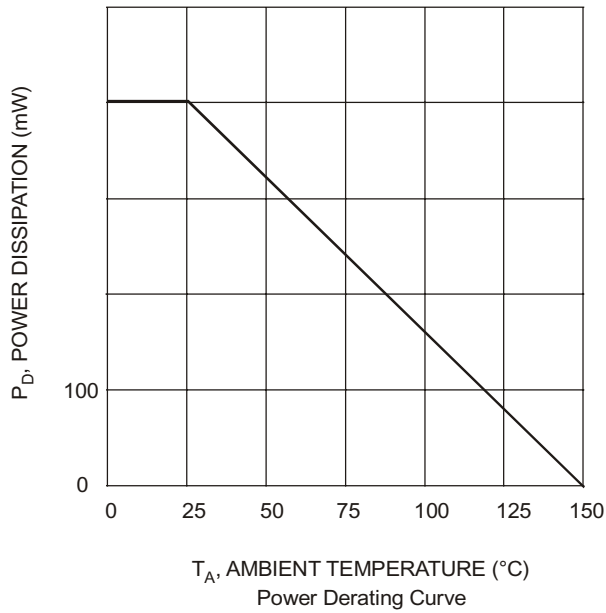


Table with 5 columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), NOTE. Rows A through J.

SUGGESTED SOLDER PAD LAYOUT



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T_A , AMBIENT TEMPERATURE (°C)
Power Derating Curve



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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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