High Voltage Silicon Diodes

Reverse Voltage –15KV

Forward Current –200mA

FEATURES

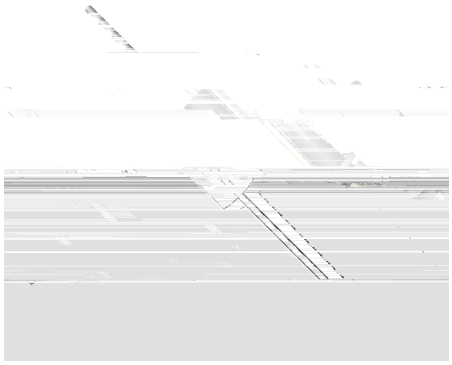
- High reliability

APPLICATIONS

- Rectification for high voltage power supply of magnetron in Micro wave oven and others

MECHANICAL DATA

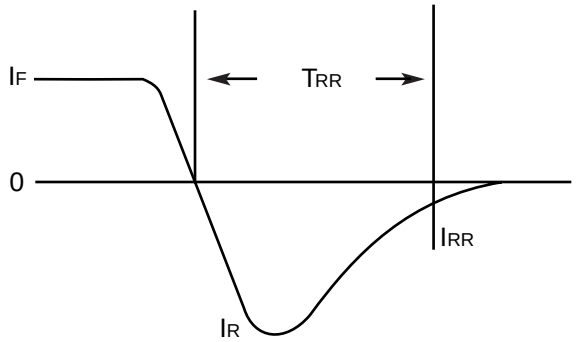
- Case: DO-822
- Epoxy meets UL 94V-0 flammability rating
- Terminals: Pure tin plated leads, solderable per J-STD-002 and JESD22-B102, E3 suffix for consumer grade, meet JESD201 class 1A whisker test.
- Polarity: Color band denotes cathode end



DO-822

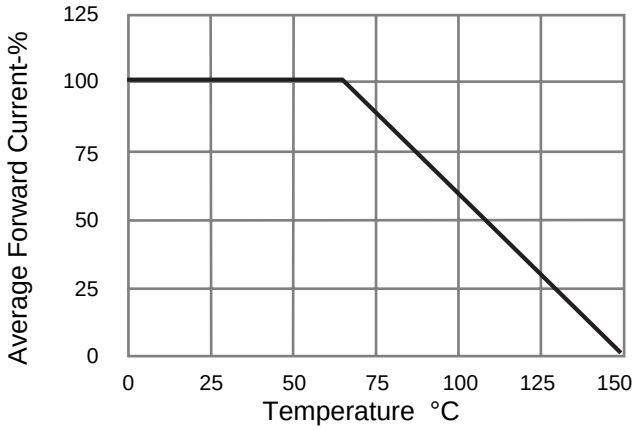
Typical characteristics

Reverse Recovery Measurement Waveform



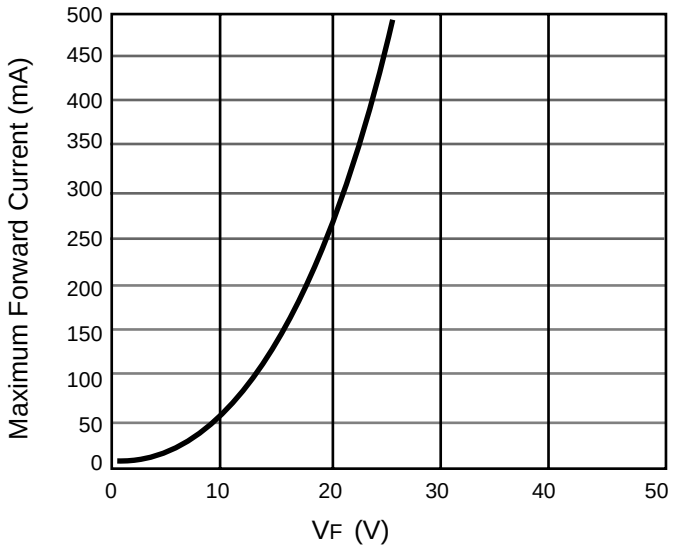
Typical data capture points: I_F =0.5I_R , I_R ,I_{RR} =0.25I_R
I_R is typically the rated average forward current maximum (I_{FAVM}) of the D.U.T.

Forward Current Derating Curve

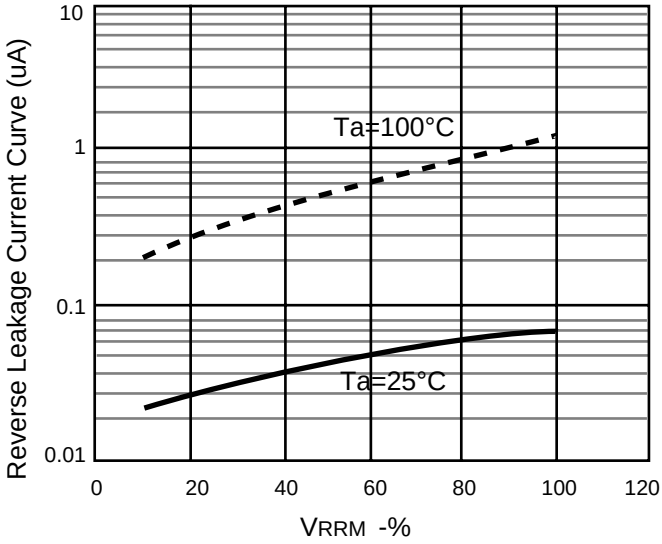


150 °C (All other part number)

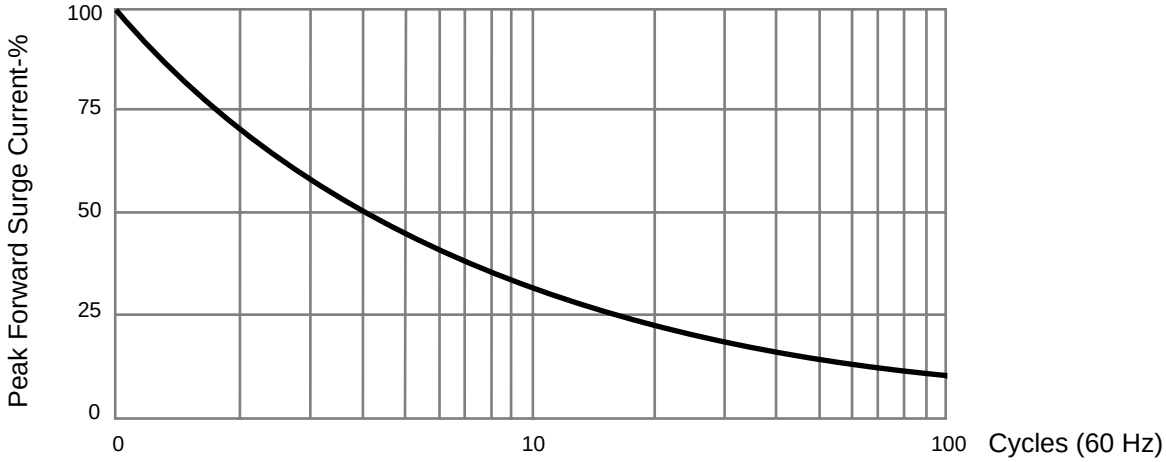
Positive Characteristic Curve



Reverse Leakage Current Curve With Voltage Variation



Repetitive Surge Current Derating Curve



This curve represents the percentage of published maximum surge rating as a function of surge repetition.

Note: Specifications subject to change without notice. Photo is representation only.

The information presented in this document is for reference only. GuangDong Youfeng Microelectronics Co.,Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise. The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with equipment or devices which