



Silicon Carbide (SiC) Schottky Diode – EliteSiC, 20 A, 1200 V, D1, TO-247-2L



Schottky Diode

FFSH20120A

Description

Silicon Carbide (SiC) Schottky Diodes use a completely new technology that provides superior switching performance and higher reliability compared to Silicon. No reverse recovery current, temperature independent switching characteristics, and excellent thermal performance sets Silicon Carbide as the next generation of power semiconductor. System benefits include highest efficiency, faster operating frequency, increased power density, reduced EMI, and reduced system size and cost.

Features

- Max Junction Temperature 175°C
- Avalanche Rated 200 mJ
- High Surge Current Capacity
- Positive Temperature Coefficient
- Ease of Paralleling
- No Reverse Recovery/No Forward Recovery
- This Device is Pb-Free, Halogen Free/BFR Free and RoHS Compliant

Applications

- General Purpose
- SMPS, Solar Inverter, UPS
- Power Switching Circuits

TO-247-2LD
CASE 340CL

MARKING DIAGRAM

DISCLAIMER: THIS DEVICE IS NOT RECOMMENDED FOR NEW DESIGN.
PLEASE CONTACT ONSEMI FOR REPRESENTATIVE.

ORDERING INFORMATION

See detailed ordering and shipping information on page 2 of this data sheet.

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NOTES: A. PROCESS OF

B. ALL DIMENSIONS ARE IN MILLIMETE

XXX = Special Device Code
A = Assembly Location

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