

Wolfspeed® Product/Process Change Notification

PCN Number: PCN-00049
PCN Type: Informational

PCN Issue Date: February 17, 2023

PCN Title

Updated TO-247-2 Package Drawing in the Datasheets for SiC Discrete Schottky Diodes

Description of the Change

Wolfspeed is making the following changes to the package drawing in the datasheets of the discrete power products listed in Table 1. This change will have impacts on the TO-247-2 package drawing only.

- Added parameter b2.
- Updated tolerance windows for A1, D2, L1, P, and S parameters to match latest production data.
- Updated PCB landing pad in accordance to the IPC-2222 level B standards.

Benefit of the Change

The purpose of this PCN is to clarify the package dimensions of the TO-247-2 discrete power products listed in Table 1. No impact to any electrical parameters is resulted from this change.

Affected Products

Table 1 lists the products affected by this Informational PCN.

Table 1. Affected Products List.

Wolfspeed Part Number
C4D40120H
C4D30120H
C4D20120H
C4D15120H
C4D10120H

Anticipated Impact

Table 2 summarizes the revision history of the datasheets relevant to this change. Wolfspeed urges its customers to refer to the updated datasheets to learn more about impacts on the affected products' electrical functionality.

Table 2. Datasheet Revision History.

Product	Package	Previous Datasheet Revision	New Datasheet Revision
C4D40120H	TO-247-2	Rev. -	Rev. 1
C4D30120H	TO-247-2	Rev. -	Rev. 1
C4D20120H	TO-247-2	Rev. 1	Rev. 2
C4D15120H	TO-247-2	Rev. 1	Rev. 2
C4D10120H	TO-247-2	Rev. 1	Rev. 2

Contact Information

If you have any questions regarding this Informational PCN, please refer to the contact information listed in Table 3.

Table 3. PCN Contact.

Wolfspeed Contact	Wolfspeed PCN Admin
Wolfspeed Contact E-Mail	pcn@wolfspeed.com
Wolfspeed Contact Phone	1.844.200.WOLF
Address	4600 Silicon Drive Durham, NC 27703 U.S.A.

Revision History

Date	Revision	Description
February 17, 2023	0	Initial Release