

Wolfsped® Product/Process Change Notification

PCN Number: PCN-00094
PCN Type: Informational

PCN Issue Date: December 5, 2023

PCN Title

Updated Datasheet Package Drawing of TO-263-2 for SiC Discrete Schottky Diodes

Description of the Change

Wolfsped has made some changes in the TO-263-2 package outline drawing in its datasheets for the discrete power products listed in Table 1. These changes are summarized below.

C3D06060G, C3D08060G, and C3D10060G:

- Dimension D1: USL changed from 8.23 mm → 6.88 mm.
- Dimension E1: LSL from 7.88 mm → 7.54 mm and USL from 8.08 mm → 8.53 mm, relief cut is added.
- Dimension L3 removed as the middle pin is no longer present.
- Removed flatness specification because it is no longer measured.

C6D20065G:

- Location of L and L1 dimensions corrected to incorporate the full package length.

Benefit of the Change

Dimensions listed in the package outline drawings have been updated to reflect the current production tolerance and design of the TO-263-2 discrete power products listed in Table 1.

Affected Products

Table 1 lists the products affected by this Informational PCN.

Table 1. Affected Product Lists.

Wolfsped Part Number
C3D06060G
C3D08060G
C3D10060G
C6D20065G

Anticipated Impact

No change is expected to current production. Table 2 summarizes the revision history of the datasheets relevant to this notification. The changes presented in this PCN have no impact to the electrical functionality of any of the discrete Schottky diode parts. They simply reflect the mechanical tolerances of current production.

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Table 2. Datasheet Revision History.

Product	Package	Previous Datasheet Revision	New Datasheet Revision
C3D06060G	TO-263-2	Rev H	Rev 10
C3D08060G	TO-263-2	Rev H	Rev 12
C3D10060G	TO-263-2	Rev H	Rev 12
C6D20065G	TO-263-2	Rev 0	Rev 1

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 Administrator
Wolfspeed Contact E-Mail	pcn@wolfspeed.com
Wolfspeed Contact Phone	1.844.200.WOLF
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Revision History

Date	Revision	Description
December 5, 2023	0	Initial release