



DATE: 23rd June, 2021

PCN #: 2499

PCN Title: Change DBF Package Outline Dimensions for Select Products

Dear Customer:

This is an announcement of change(s) to products that are currently being offered by Diodes Incorporated.

We request that you acknowledge receipt of this notification within 30 days of the date of this PCN. If you require samples for evaluation purposes, please make a request within 30 days as well. Otherwise, samples may not be built prior to this change. Please refer to the implementation date of this change as it is stated in the attached PCN form. Please contact your local Diodes sales representative to acknowledge receipt of this PCN and for any sample requests.

The changes announced in this PCN will not be implemented earlier than 90 days from the notification date stated in the attached PCN form.

Previously agreed upon customer specific change process requirements or device specific requirements will be addressed separately.

For questions or clarification regarding this PCN, please contact your local Diodes sales representative.

Sincerely,

Diodes Incorporated PCN Team

PRODUCT CHANGE NOTICE

PCN-2499 REV 1

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:																																																																																	
23 rd June, 2021	23 rd September, 2021	Discrete Products	Package Outline Dimension	2499																																																																																	
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<p>This PCN is being issued to notify customers that in order to improve assembly manufacturability, Diodes Incorporated has qualified the change of DBF package outline dimensions as shown below for select products.</p> <p>Notes: 1) Change Body Length (E1) from 7.8~8.2MM to 7.5~8.2MM 2) Remove Pin Length (L1) 3) Change Pin Weld Length (L) from 0.8~1.4MM to 0.5~1.5MM</p>																																																																																					
Package	From : Before	Change To : After																																																																																			
DBF	<table border="1"> <thead> <tr> <th colspan="3">DBF</th> </tr> <tr> <th>Dim</th> <th>Min</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1.3</td> <td>1.5</td> </tr> <tr> <td>A1</td> <td>0.04</td> <td>0.12</td> </tr> <tr> <td>A3</td> <td>0.15</td> <td>0.35</td> </tr> <tr> <td>b</td> <td>0.8</td> <td>1.2</td> </tr> <tr> <td>D</td> <td>6.45</td> <td>6.85</td> </tr> <tr> <td>D3</td> <td>3.8</td> <td>4.2</td> </tr> <tr> <td>E</td> <td>8.5</td> <td>8.9</td> </tr> <tr> <td>E1</td> <td>7.8</td> <td>8.2</td> </tr> <tr> <td>e</td> <td>4.8</td> <td>5.2</td> </tr> <tr> <td>L</td> <td>0.8</td> <td>1.4</td> </tr> <tr> <td>L1</td> <td>0.3</td> <td>0.4</td> </tr> <tr> <td colspan="3">All Dimensions in mm</td> </tr> </tbody> </table>	DBF			Dim	Min	Max	A	1.3	1.5	A1	0.04	0.12	A3	0.15	0.35	b	0.8	1.2	D	6.45	6.85	D3	3.8	4.2	E	8.5	8.9	E1	7.8	8.2	e	4.8	5.2	L	0.8	1.4	L1	0.3	0.4	All Dimensions in mm			<table border="1"> <thead> <tr> <th colspan="3">DBF</th> </tr> <tr> <th>Dim</th> <th>Min</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1.3</td> <td>1.5</td> </tr> <tr> <td>A1</td> <td>0.04</td> <td>0.12</td> </tr> <tr> <td>A3</td> <td>0.15</td> <td>0.35</td> </tr> <tr> <td>b</td> <td>0.8</td> <td>1.2</td> </tr> <tr> <td>D</td> <td>6.45</td> <td>6.85</td> </tr> <tr> <td>D3</td> <td>3.8</td> <td>4.2</td> </tr> <tr> <td>E</td> <td>8.5</td> <td>8.9</td> </tr> <tr> <td>E1</td> <td>7.5</td> <td>8.2</td> </tr> <tr> <td>e</td> <td>4.8</td> <td>5.2</td> </tr> <tr> <td>L</td> <td>0.5</td> <td>1.5</td> </tr> <tr> <td colspan="3">All Dimensions in mm</td> </tr> </tbody> </table>	DBF			Dim	Min	Max	A	1.3	1.5	A1	0.04	0.12	A3	0.15	0.35	b	0.8	1.2	D	6.45	6.85	D3	3.8	4.2	E	8.5	8.9	E1	7.5	8.2	e	4.8	5.2	L	0.5	1.5	All Dimensions in mm				
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Full electrical characterization and high reliability testing has been completed on representative part numbers to ensure no change to device functionality or electrical specifications in the datasheet. Refer to the attached qualification report embedded in this file (to view, download this PCN file then open it with a PDF viewer to see the attached qual report).

IMPACT

No change in electrical datasheet parameters and product performance.

PRODUCTS AFFECTED

DBF1510U-13	DBF310-13	RDBF158U-13	RDBF254-13	RDBF31-13
DBF210-13	RDBF1510U-13	RDBF2510-13	RDBF256-13	RDBF32-13
DBF2510-13	RDBF152U-13	RDBF252-13	RDBF310-13	RDBF36-13

WEB LINKS

Manufacturer's Notice:	https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/
For More Information Contact:	https://www.diodes.com/about/contact-us/contact-sales/
Data Sheet:	http://www.diodes.com/products/

DISCLAIMER

Unless a Diodes Incorporated Sales representative is contacted in writing within 30 days of the posting of this notice, all changes described in this announcement are considered approved.