



Product Change Notification



Product Group: Power Diodes Division / August 14, 2003 / PCN-PDD-39-2003 Rev1
March 31, 2004 – Revision Date

Implementation of External Lead (Pb) – Free Plating

Description of Change:

Vishay's Power Diode Division (PDD) will implement lead-free terminal plating on all PDD products. Matte tin (Sn) plating will replace the current tin/lead (Sn/Pb) plating. This change only applies to the external plating.

Products Affected: All PDD products

Planned Implementation: Full conversion date: October 1, 2004

Notes:

1. A limited number of production orders for product with matte tin plating are available now upon request. Prior to full conversion, house numbers will be issued for these orders to differentiate them from Sn/Pb plated product. After full conversion, these special house numbers will be discontinued.
2. After full conversion to Pb-free plating, Sn plated products will be identified by date codes that come after the conversion date and also green labels on cartons will be used to differentiate from Sn/Pb plated products.
3. After full conversion, Sn/Pb plated products will be available upon special request.
4. Those bridge products with silver plating (i.e., KBL, KBU, KBPM, WOG, 25A/35A wire-terminal GBPC) and nickel plating (i.e., lug-terminal GBPC) will remain as is.
5. The DO-214AC products (BZG & BZS series) and glass MELF (1N58xxM) that are manufactured by the SSP Division for PDD will convert to tin plating in January 2005 and be designated by date code. The Sn/Pb plated products from SSP will be used up on a FIFO basis after the conversion date.

Reason for Change:

PDD has started the process of eliminating lead from its products because of concern for the environment and to be in compliance of "The Restriction of Hazardous Substances in Electrical and Electronic Equipment" (ROHS) directive.

Qualification Data: Qualification data will be available April 2004, except for tin whisker testing which should be completed by July 2004.

Sample Availability:

Tin-plated samples of most products are currently available from all our manufacturing locations. Please check with Regional Marketing for availability of specific products.

There are no datasheet specification changes associated with this change.

Issued by Product Marketing:

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