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Product Group: OPT/Wed Jan 31, 2024/PIN-OPT-1307-2024-REV-0

Pizza Box Removal for 0603 TLM*1... and Reverse Gullwing PLCC2 VLR*31... series

For further information, please contact your regional Vishay office.

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Description of Change: The packing for Vishay's lead frame based 0603 LEDs and reverse gullwing PLCC2 LEDs is changing. The inner packing box for the single reel, also called "Pizza Box" is removed. However, the external shipping boxes and the MBB packing remain to protect the goods against damage during transportation. The change involves a packing change only. There is no change in the process technology, materials, performance, specification and reliability of the products. Form Fit and Function are not affected. During transition time mixed shipments are possible. Deliveries with inner transportation box and without inner transportation box will be split by separate shipping boxes.

Reason for Change: Removal of Pizza Box without impact to technical specification of the devices.

Less Effort: No double effort in unpacking (Transportation Box contains directly the moisture barrier bag). The product label is directly placed on the moisture barrier bag. Hence, no relabelling is necessary.

Reduced storage space: Due to less packaging volume also less storage space is needed (60% less).

Reduced waste handling: Less handling of cardboard waste.

Paperless production ready: Production sites are focusing more and more on technical cleanliness. The absence of particles is essential for this effort. Without the cardboard of the inner transportation box the contamination by particles in SMT production can be significantly reduced.

Energy and CO2 Saving: No recycled paper or wood, no water and no energy, for inner transportation box manufacturing

Expected Influence on Quality/Reliability/Performance: There is no influence on quality, reliability and performance of the parts.

Part Numbers/Series/Families Affected: Please see materials list on the succeeding page.

Vishay Brand(S): Vishay Semiconductors

Time Schedule:

Start Shipment Date: Fri Mar 1, 2024

Sample Availability: available

Product Identification: datecode



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Product Information Notification

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Qualification Data: n.a.

Issued By: Harald Lunt, harald.lunt@vishay.com



Product Information Notification



Product Group: OPT/Wed Jan 31, 2024/PIN-OPT-1307-2024-REV-0

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TLMG1100-GS15	TLMO1000-GS15	TLMO1100-GS15	TLMP1100-GS15	TLMS1000-GS15
TLMS1100-GS15	TLMS1101-GS15	TLMY1000-GS15	TLMY1100-GS15	VLMY10J2K2-4-GS15
VLRE31R1S2-GS08	VLRE31R2S2-XY-GS08	VLRK31Q1R2-GS08	VLRK31R1S2-GS08	VLRYG31P1Q2-GS08
VLRYG31Q1R2-GS08				



Details PIN OPT-1307-2024

Removal of the Pizza Box for single reels

January 31, 2024

Background:

The packing for Vishay's lead frame based 0603 LEDs and reverse gullwing PLCC2 LEDs is changing. The inner packing box for the single reel, also called "Pizza Box" is removed. However, the MBB packing and the external shipping boxes remain to protect the goods against damage during transportation. The change involves a packing change only. There is no change in the process technology, materials, performance and reliability of the products.

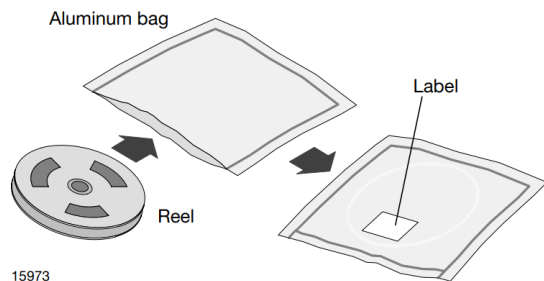
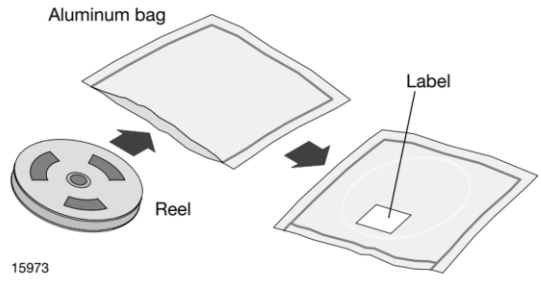
Assessment of the change:

No change in Form, Fit, Function and reliability.

Affected Products:

- Lead-frame based 0603 ChipLED series: TLM*11..-GS15, TLM*10..-GS15, VLMY10*-GS15
- Reverse gullwing PLCC2 LED series: VLR*31....-GS08

Datasheet:

Current Status	New Status
<p>DRY PACKING</p> <p>The reel is packed in an anti-humidity bag to protect the devices from absorbing moisture during transportation and storage.</p>  <p>Aluminum bag</p> <p>Label</p> <p>Reel</p> <p>15973</p>	<p>DRY PACKING</p> <p>The reel is packed in an anti-humidity bag to protect the devices from absorbing moisture during transportation and storage.</p>  <p>Aluminum bag</p> <p>Label</p> <p>Reel</p> <p>15973</p>
<p>FINAL PACKING</p> <p>The sealed reel is packed into a cardboard box. A secondary cardboard box is used for shipping purposes.</p>	<p>FINAL PACKING</p> <p>The sealed reel is packed into a cardboard box. A secondary cardboard box is used for shipping purposes.</p>

Implementation Timeline:

The packing change will be implemented March 1, 2024. During transition time mixed shipments are possible. Deliveries with inner transportation box and without inner transportation box will be split by separate shipping boxes.

Packing concept:

Current Status	New Status	Remarks
		Stacking of moisture barrier bag (MBB) is possible because desiccant will be placed at the corner to ensure flat surface. Standard and customer specific label can be found on each MBB.

Risk Assessment: according to ISTA 3A Standards

Benefits:

- Less effort on unpacking, the transportation box contains directly the MBB.
- Reduced storage space and waste handling.
- Paperless production ready, reduction of foreign particles in SMT production.

Handling Instructions:

The Moisture Barrier Bags (MBB) carrying the reels will be sent in shipping carton boxes with inlays, to protect the goods against damage during transportation. For handling the goods outside of the transportation box, it has to be ensured that the bags are stored in an adequate condition and are handled with respect to the following handling instructions:

- Avoid punching the MBB with sharp objects.
- Store the MBB vertically in a storage bin.
- For horizontal storage reduce the number of MBB bags in one stack or add separators in between, to reduce pressure for the lowermost bags.
- Do not place heavy weight on top of the products reels.
- Use filler material to protect the bags when forwarding to end customers.

Should you have any concerns, please notify us so that this can be addressed.

Thankyou.

Approved by:

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List of part numbers:

0603	TLMG1100-GS15
	TLMO1000-GS15
	TLMO1100-GS15
	TLMP1100-GS15
	TLMS1000-GS15
	TLMS1100-GS15
	TLMS1101-GS15
	TLMY1000-GS15
	TLMY1100-GS15
	VLMY10J2K2-4-GS15
Reverse Gullwing PLCC2	VLRE31R1S2-GS08
	VLRE31R2S2-XY-GS08
	VLRK31Q1R2-GS08
	VLRK31R1S2-GS08
	VLRYG31P1Q2-GS08
	VLRYG31Q1R2-GS08