



# Product Change Notification



Product Group: Opto Modules & Visibles 02-APR-2020 / PCN OMV-1114-2020 Rev. 0

## TITLE: New die bond pastes for SMD CHIP-LEDs

**DESCRIPTION OF CHANGE:** Vishay announces the change to new advanced die bond pastes for PCB based ChipLEDs. ChipLEDs using horizontal chip structures with two bond pads on top, are changed to a new non-conductive die bond paste. ChipLEDs using vertical chip structures are changed to a new conductive die bond paste. There are no changes in form, fit or function. The datasheets remain unchanged. For more details please refer to the attachment: "New\_glue\_ChipLEDs.pdf"

**CLASSIFICATION OF CHANGE:** Bill of Material (Major)

**REASON FOR CHANGE:** In order to ensure long term availability and best performance the die bond pastes have to be updated to more recent materials with better compatibility to REACH requirements, better shear strengths and reliability.

**EXPECTED INFLUENCE ON QUALITY RELIABILITY / PERFORMANCE:** There is no adverse effects on the quality and performance of the product.

**PRODUCT CATEGORY:** LEDs

### PART NUMBERS / SERIES / FAMILIES AFFECTED:

LEDs / VLMW1300-GS08, VLMW1301-GS08, VLMW1500-GS08, VLMW1501-GS08, VLMW1502-GS08, VLMW1503-GS08, VLMB1300-GS08, VLMB1310-GS08, VLMB1500-GS08, VLMB1501-GS08, VLMTG1300-GS08, VLMTG1400-GS08, VLMTG1401-GS08, VLMTG1402-GS08, VLMTG1500-GS08, VLMTG1501-GS08, VLMG1300-GS08, VLMG1500-GS08, VLMS1300-GS08, VLMS1500-GS08, VLMS1501-GS08, VLMO1300-GS08, VLMO1500-GS08, VLMY1300-GS08, VLMY1301-GS08, VLMY1500-GS08, VLMY1501-GS08, VSMY12850, VSMY12940, VSMY14940

**VISHAY BRAND(s):** VISHAY SEMICONDUCTORS

### TIME SCHEDULE:

Start Shipment Date: 01-JUN-2020

**SAMPLES AVAILABLE BEGINNING:** 01-APR-2020

We need samples for evaluation: Yes No  
If Yes return this form to contact information below.

### Annotations about time schedule:

**PRODUCT IDENTIFICATION:** This change can be tracked by date code

**QUALIFICATION DATA:** The qualification Data is available upon request.

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before: 01-MAY-2020 or as specified by contract.**

### ISSUED BY:

PM: Harald Lunt, Product Marketing Visibles

Phone: +49 7131 67-2661

Email: harald.lunt@vishay.com

**For further Information, please contact your regional Vishay office.**

### CONTACT INFORMATION:

**VISHAY Intertechnology Asia Pte. Ltd.**  
Business Marketing Asia/Japan  
25 Tampines Street 92  
Keppel Building # 02-00  
Singapore 528877  
Phone: +65 6780 7879  
Fax: +65 6780 7897

**VISHAY Intertechnologies, Inc.**  
Business Marketing The Americas - Opto  
2585 Junction Avenue  
San Jose, California 95134-1923  
United States of America  
Phone: +1-408-567-8358  
Fax: +1 408-240-5687

**VISHAY Semiconductor GmbH**  
Business Marketing Europe Opto  
Theresienstr. 2  
D-74025 Heilbronn  
Germany  
Phone: +49-7131-67-2113  
Fax: +49-7131-67-3144

