



# Product Change Notification



Product Group: Opto Modules & Visibles 09-APR-2019 / PCN OMV-1065-2019 Rev. 0

## TITLE: Change of forward voltage specification for VLMTG140x

**DESCRIPTION OF CHANGE:** Adjustment of VF specification

From  
VF spec VLMTG1400: min 2.75V, typ 2.85V, max 3.2V at 20mA  
VF spec VLMTG1401: min 2.75V, typ 2.85V, max 3.05V at 20mA

To  
VF spec VLMTG1400: min 2.45V, typ 2.8V, max 3.05V at 20mA  
VF spec VLMTG1401: min 2.6V, typ 2.8V, max 3.05V at 20mA

**CLASSIFICATION OF CHANGE:** Form Fit Function

**REASON FOR CHANGE:** Change of forward voltage (VF) specification in order to increase the production yield. The original VF specification has been based on limited initial data. In mass production, a certain yield loss has been experienced at the lower limit of the specified VF range. Therefore two VF bins will be added at the lower end and in turn the upper VF bin will be cancelled.

**EXPECTED INFLUENCE ON QUALITY RELIABILITY / PERFORMANCE:** no influence expected. No Change in material and process

**PRODUCT CATEGORY:** LEDs

**PART NUMBERS / SERIES / FAMILIES AFFECTED:**

LEDs / VLMTG1400-GS08; VLMTG1401-GS08

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

**TIME SCHEDULE:** **Annotations about time schedule:**

Start Shipment Date: 21-MAY-2019

**SAMPLES AVAILABLE BEGINNING:** 14-MAR-2019

We need samples for evaluation: Yes No

If Yes return this form to contact information below.

**PRODUCT IDENTIFICATION:** label, date code

**QUALIFICATION DATA:** Since there is no change in materials and process, no further reliability qualification is needed.

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before: 10-APR-2019 or as specified by contract.**

**ISSUED BY:**

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

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