



Product Change Notification



Product Group: Opto Modules & Visibles 19-MAR-2015 / PCN OMV-815-2015 Rev. 0

TITLE: Construction change for TCMT1109, TCMT1119 and TCMT1103-3036

DESCRIPTION OF CHANGE: OMV-815-2015 is being implemented to improve the Isolation Voltage robustness of the products listed here. This is realized through a construction change to a Double Molded Over/ Under (DMOU) package. The new package will be black in color and will be produced using Environmental Friendly molding compounds on a new automated production line. In addition to this we also taking the opportunity to upgrade the emitter chip and the detector chips to the newer 6" version with the introduction of an alternate detector.

CLASSIFICATION OF CHANGE: Direct Materials (Major)

REASON FOR CHANGE: The package construction is being changed to improve the high voltage robustness of the SSOP products and to avail of the more environmental friendly "Green" mold compounds that are currently available. The change in emitter is to improve the CTR stability in manufacturing. The detector change upgrades the detector to dice from the newer 6 inch wafer fabrication line. These changes will allow the utilization of the same materials, construction and process that are employed on all other optocouplers Vishay manufactures.

EXPECTED INFLUENCE ON QUALITY RELIABILITY / PERFORMANCE: By manufacturing these products using the DMOU construction on a more automated production line, a more robust and reliable product is achieve while still maintaining the existing product specification and performance.

PRODUCT CATEGORY: Optocouplers, Isolators

PART NUMBERS / SERIES / FAMILIES AFFECTED:

This PCN impacts the following products only:

TCMT1109, TCMT1119 and TCMT1103-3036

VISHAY BRAND(s): VISHAY SEMICONDUCTORS

TIME SCHEDULE:

Start Shipment Date: 02-JUN-2015

Last Time Buy Date: 01-JUN-2015

Last Time Shipment Date: 30-JUN-2015

SAMPLES AVAILABLE BEGINNING: 16-MAR-2015

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

Annotations about time schedule:

The components covered by this PCN will start shipping on or after Jun 1st 2015. The exact date will be a function of the depletion of the existing product inventories

PRODUCT IDENTIFICATION: Marking and package appearance

QUALIFICATION DATA: This change has been rigorously qualified by company and industry standard qualifications

This PCN is considered approved, without further notification, unless we receive specific customer concerns before: 01-JUN-2015 or as specified by contract.

ISSUED BY:

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