



# Product Change Notification



Product Group: Opto Sensors & IRDC 08-AUG-2017 / PCN OSI-996-2017 Rev. 0

## TITLE: VSMY14940 - Change in chip and form factor

**DESCRIPTION OF CHANGE:** VSMY14940 will undergo a change in chip and form factor.  
The modified package is 0.2 mm shorter in length. It offers tunnels below the solder pads for optical solder joint inspection and reduced board space demand.  
The new emitter chip has shorter rise and fall times of only 5 ns. Further, it can act as detector for learning remote control applications.  
The maximum surge forward current is reduced from 1.0 A to 0.7 A.

**CLASSIFICATION OF CHANGE:** Operating conditions / Form Fit Function / Direct Materials (Major)

**REASON FOR CHANGE:** Improvement program

**EXPECTED INFLUENCE ON QUALITY RELIABILITY / PERFORMANCE:** No influence on quality, reliability/performance expected.

**PRODUCT CATEGORY:** Infrared Emitters

### PART NUMBERS / SERIES / FAMILIES AFFECTED:

VSMY14940

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

### TIME SCHEDULE:

### Annotations about time schedule:

Start Shipment Date: 01-OCT-2017

**SAMPLES AVAILABLE BEGINNING:** 01-AUG-2017

We need samples for evaluation: Yes No

If Yes return this form to contact information below.

**PRODUCT IDENTIFICATION:** package appearance

**QUALIFICATION DATA:** available on request

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before: 01-OCT-2017 or as specified by contract.**

### ISSUED BY:

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

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## Attached Part Number List:

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| Material List<br>PCN OSI-996-2017<br><br>VSMY14940 |
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