



Product Change Notification



Product Group: Opto Sensors & IRDC 14-SEP-2011 / PCN OSI-543-2011 Rev. 0

TITLE: Release of Silicone coating implementation to current TSAL products

DESCRIPTION OF CHANGE: We're introducing a minor process change in 5mm TSAL products by coating the infrared dies with silicone in order to reduce the mechanical stress on the chip. This is a standard process in many of our devices. It won't change any parameter in the datasheet. The process has been fully qualified according to the high standards of Vishay in terms of reliability. We can provide comparative measurements as well as reliability results if required. Since the long-term performance of the devices is significantly enhanced offering a greater long term stability to our customers we're implementing this change as of now.

CLASSIFICATION OF CHANGE:

REASON FOR CHANGE: To reduce the mechanical stress on the chip and the improve the robustness of the devices.

EXPECTED INFLUENCE ON QUALITY RELIABILITY / PERFORMANCE: There will be no negative influence on performance and quality. All datasheet parameters will remain unchanged.
There will be an improvement in terms of reliability.

PRODUCT CATEGORY: Infrared Emitters

PART NUMBERS / SERIES / FAMILIES AFFECTED:

IR Emitter / Sensors

VISHAY BRAND(s): VISHAY SEMICONDUCTORS

TIME SCHEDULE:

Start Shipment Date: 16-SEP-2011

Last Time Buy Date: 16-SEP-2011

Last Time Shipment Date: 16-SEP-2011

SAMPLES AVAILABLE BEGINNING: 16-SEP-2011

We need samples for evaluation: Yes No

If Yes return this form to contact information below.

Annotations about time schedule:

Change will be implemented immediately as there will be no influence on the reliability and/or performance of the devices. Shipments of improved devices will start immediately.

PRODUCT IDENTIFICATION: TSAL*

QUALIFICATION DATA: Available upon request.

This PCN is considered approved, without further notification, unless we receive specific customer concerns before: 16-SEP-2011 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:

Material list for PCN OSI-543-2011

TSAL4400P
TSAL4400P-ASZ
TSAL4400P-MSZ
TSAL5100
TSAL5300
TSAL5300-MSZ
TSAL6100
TSAL6100-AS12Z
TSAL6100-ES21
TSAL6100-MS12
TSAL6200
TSAL6200-AS21
TSAL6200-ASZ
TSAL6200-ES21
TSAL6200-ESZ
TSAL6200-KSZ
TSAL6200-MS12Z
TSAL6201F
TSAL6400
TSAL6400-MSZ
TSAL7200
TSAL7200-ASZ
TSAL7300
TSAL7400
TSAL7400-ASZ
TSAL7600
TSAL7600-CSZ
TSAL7600-MSZ
HS5100
V5300P-CSZ
V5300P-MSZ
V6100P