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Product Information Notification



Product Group: OPT/Thursday March 13, 2025/PIN-OPT-1388-2025-REV-0

PCN OPT-1340-2024 - Addendum

For further information, please contact your regional Vishay office.

CONTACT INFORMATION

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Description of Change: In PCN OPT-1340-2024, we announced the transfer of the Optotriacs production line to a green manufacturing process. The package length and lead shape have been modified. A detailed comparison is attached to this product information notification. Product datasheet drawings will be updated accordingly.

The packages remain pin-to-pin compatible and will fit into existing board designs.

Reason for Change: Mechanical dimension measurements were performed based on the internal production line drawing and not compared to the mechanical dimensions shown in the product datasheets. Therefore the dimension changes were not mentioned in the PCN OPT-1340-2024.

Expected Influence on Quality/Reliability/Performance: No influence expected.

Part Numbers/Series/Families Affected: Please see materials list on the succeeding page.

Vishay Brand(S): Vishay Semiconductors

Time Schedule:

Start Shipment Date: Thursday March 13, 2025

Sample Availability: The changes are implemented since January 2025

Product Identification: by lot marking number and package outline

Qualification Data: This change has been rigorously qualified by company and industry standard



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BRT11H	BRT12F	BRT12F-X007T	BRT12H	BRT12H-X001
BRT12H-X006	BRT12H-X007T	BRT12H-X009T	BRT12H-X016	BRT12M
BRT12M-X001	BRT13H	BRT13H-X006	BRT13H-X007	BRT13H-X007T
BRT13H-X009T	BRT13H-X017T	IL420	IL420-X001	IL420-X006
IL420-X007	IL420-X007T	IL420-X009	IL420-X009T	IL420-X016
IL420-X017	IL420-X017T	IL4208	IL4208-X007	IL4208-X007T
IL4208-X009	IL4208-X009T	IL4208-X017T	IL4216	IL4216-X001
IL4216-X007T	IL4216-X016	IL4217	IL4218	IL4218-X001
IL4218-X006	IL4218-X017	IL4218-X017T	IL4218-X019	IL4218-X019T



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PCN OPT-1340-2024 Package Dimensions Comparison

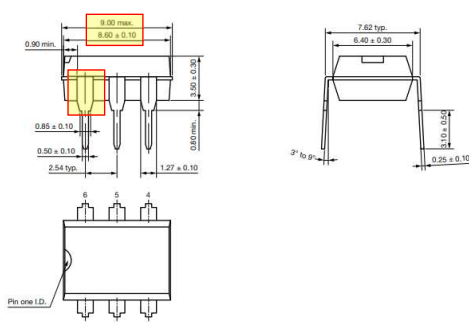
2025-02-27

Achim M. Kruck
Sr. Manager Product Marketing
Optocouplers & Solid-State Relays

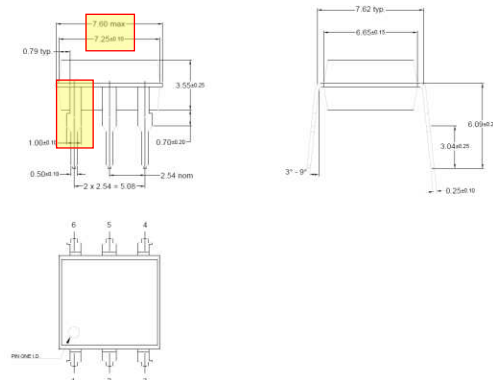
Company confidential

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DIP-6



before PCN

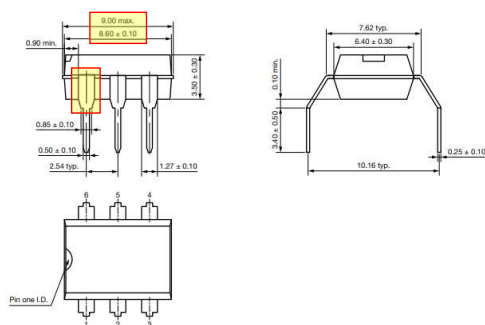


after PCN

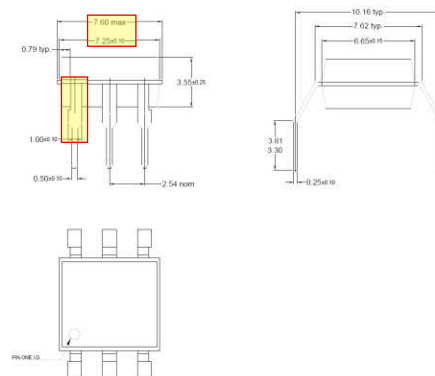
Note: major changes are the package length and the lead shape form

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DIP-6, 400 mil (option 6)



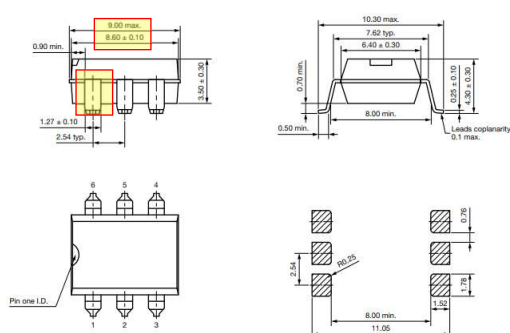
before PCN



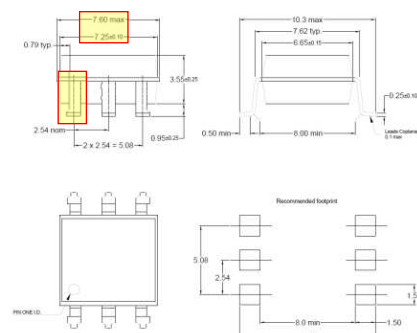
after PCN

Note: major changes are the package length and the lead shape form

SMD-6 (option 7)



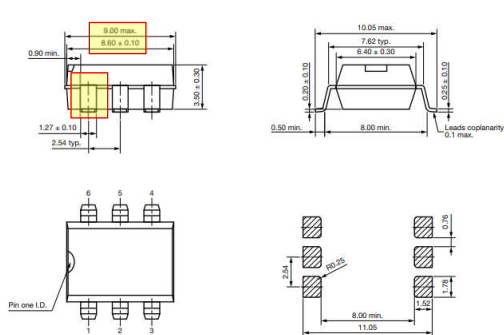
before PCN



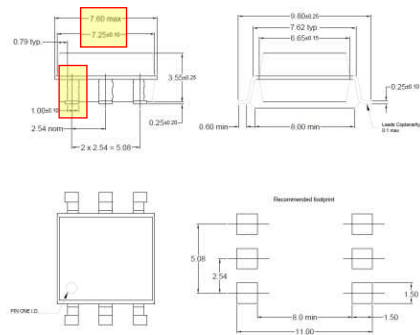
after PCN

Note: major changes are the package length and the lead shape form

SMD-6 (option 9)



before PCN



after PCN

Note: major changes are the package length and the lead shape form