

IL41x, BRT2x, VO41xx, VO306x OptoTRIACs green production line transfer

For further information, please contact your regional Vishay office.

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Description of Change: With the transfer to a state-of-the-art production line, a Ni plated Lead Frame and a green standard mold compound have been introduced. In addition, the package length of DIP-6 package as well as bond wire diameter has been reduced. A detailed side-by-side comparison is provided in the attachment. The applicable agency certifications will be updated accordingly.

To ensure a continuous chip supply we roll-out the Vishay's inhouse chipset which was already announced in the previous PCNs OPT-1237-2022 and OPT-1264-2023 for the IL41x, BRT2x series and introduce the Vishay's inhouse chipset also for the VO41xx series. The forward currents will be adapted accordingly.

Reason for Change: As part of Vishay's modernization initiative, the affected products are being transitioned to a state-of-the-art production line that supports the green environment standard. A new leadframe and a molding compound have been qualified to standardize the manufacturing process. In addition, the package length and bond wire diameter have been reduced to align them with similar products running on this line.

Expected Influence on Quality/Reliability/Performance: No influence on quality, reliability and performance expected. Nevertheless, we request our customers to test the product in their specific application.

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

Vishay Brand(S): Vishay Semiconductors

Time Schedule:

Start Shipment Date: Sunday November 15, 2026

Sample Availability: Components with the change implemented could start shipping on or after the start shipment date and will be a function of the availability of the raw materials and detector chips.

Product Identification: By lot marking number and package outline

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

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Sunday November 15, 2026 or as specified by contract.

Issued By: Achim Kruck, achim.kruck@vishay.com



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Product Change Notification



Product Group: OPT/Thursday September 3, 2026/PCN-OPT-1495-2026-REV-1

BRT22F	BRT22F-X001	BRT22F-X007T	BRT22F-X009T	BRT21H
BRT22H	BRT22H-X007	BRT22H-X007T	BRT22H-X016	BRT23F
BRT23F-X006	BRT23F-X007T	BRT23F-X009T	BRT23H	BRT23H-X001
BRT23H-X007	BRT23H-X007T	BRT23H-X016	IL410	IL410-310T
IL410-X001	IL410-X006	IL410-X007	IL410-X007T	IL410-X008T
IL410-X009T	IL410-X016	IL410-X017	IL410-X019T	IL4108
IL4108-X007	IL4108-X007T	IL4108-X009	IL4108-X009T	IL4108-X016
IL4108-X017	IL4116	IL4116-X007	IL4116-X007T	IL4116-X009T
IL4117	IL4117-X007	IL4118	IL4118-X006	IL4118-X007
IL4118-X007T	IL4118-X009T	IL4118-X017	IL4118-X017T	VO4154D-X007T
VO4156D-X017T	VO4154M-X007T	VO4156H-X007T	VO4156M-X006	VO4156M-X007T
VO4158D	VO4158D-X009T	VO4158H	VO4158H-X007T	VO4158H-X017T
VO4158M-X007T	VO3062	VO3062-X007T	VO3062-X016	VO3062-X017T
VO3063	VO3063-X006	VO3063-X007T	VO3063-X009T	VO3063-X016
VO3063-X017T				

PCN OPT-1495-2026 Package Dimensions Comparison

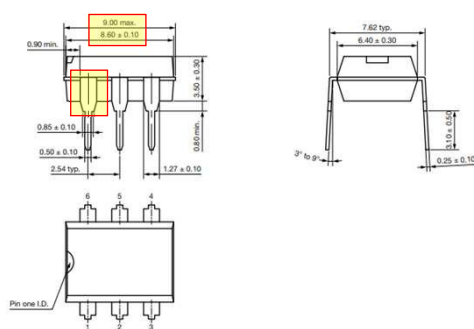
2026-09-01

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

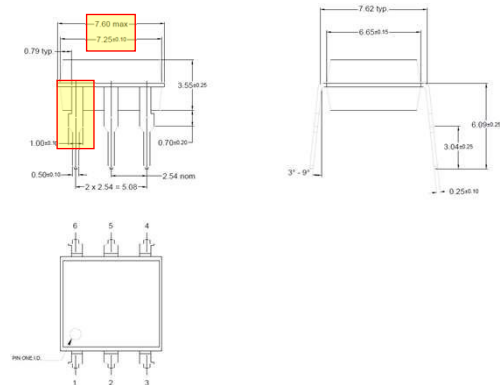
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1

DIP-6



before PCN



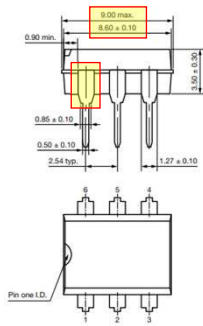
after PCN

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

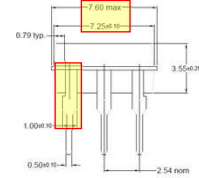
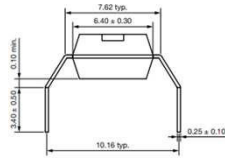
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2

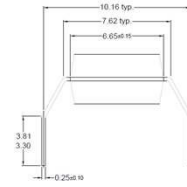
DIP-6, 400 mil (option 6)



before PCN



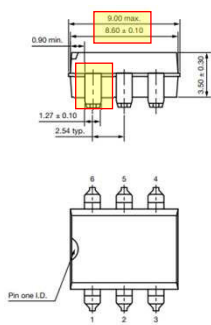
after PCN



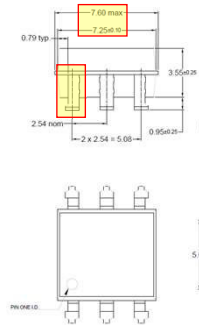
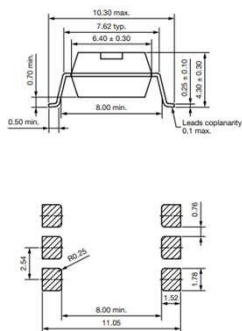
Note: major changes are the package length and the lead shape form

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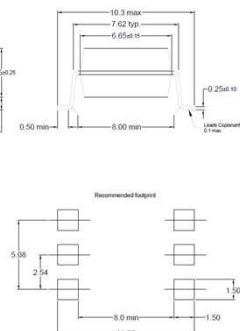
SMD-6 (option 7)



before PCN



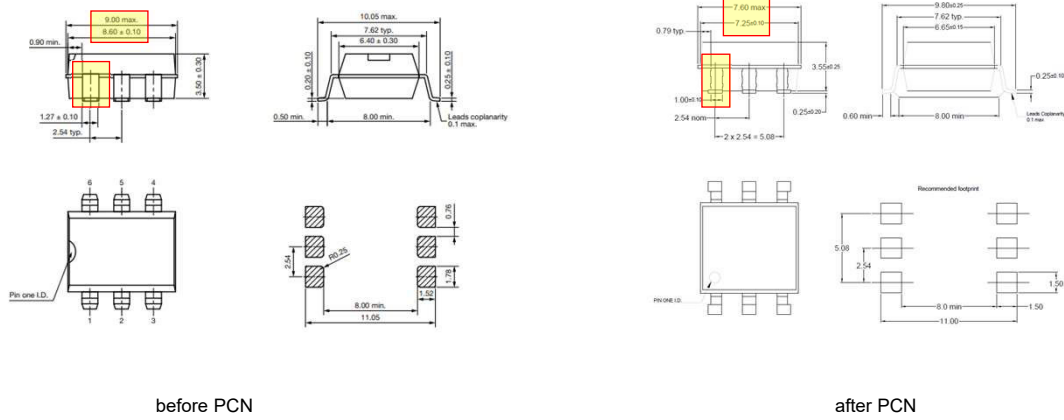
after PCN



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

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SMD-6 (option 9)



before PCN

after PCN

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

Vishay Material Code	Customer Material	Location
BRT23F	BRT23F	Singapore
IL410	IL410	Singapore
IL410-X007	IL410-X007	Singapore
BRT23F	VOPBRT23F	Maisach Gernlinden
IL410	VOPIL410	Ft Worth
IL410-X007	VOPIL410-X007	Maisach Gernlinden
IL410-X007T	VOPIL410-X007T	Ft Worth
IL410-X016	VOPIL410-X016	Ft Worth
IL410-X019T	VOPIL410-X019T	Maisach Gernlinden
IL4108	VOPIL4108	Ft Worth
IL4108	VOPIL4108	Maisach Gernlinden
IL4108-X007T	VOPIL4108-X007T	Ft Worth
IL4118-X007T	VOPIL4118-X007T	Ft Worth
IL4118-X009T	VOPIL4118-X009T	Ft Worth
VO3062-X017T	VOPVO3062-X017T	Maisach Gernlinden
VO3063	VOPVO3063	Ft Worth
VO3063-X007T	VOPVO3063-X007T	Maisach Gernlinden
VO4156D-X017T	VOPVO4156D-X017T	Maisach Gernlinden