



## PRODUCT CHANGE NOTICE (PCN)

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**PCN release date:** 7/11/2023

**PCN number:** CAA2488

**Product(s) affected:** OZ100SG

**Description of change:** VMI is changing the mold used to make the OZ100SG from the VMI 3946--which is a square shaped mold--to the VMI 4168--a cylindrical shaped mold with half-sphere end caps. Fit and form for the part will be affected by this change. The diode used will be the same, so function (electrical performance) will be unaffected. The label for the optocoupler will change from showing the part number, VMI logo, and cathode band on the body to just having two cathode bands on the lead of the part.

**Reason for change:** The initial square mold that was used was intended for prototyping and is not ideal for the molding process. The mold we will be switching to, the VMI 4168, has more cavities and, due to the shape, is easier to use with less molding issues. The label change is due to not having a flat surface to fully label and to improve ease of labeling since the part will not have to be sanded to accept the label.

**Impact:**  Form  Fit  Function  Quality  Reliability

Other Description: N/A

**Description of impact:** The new package for the OZ100SG will be slightly longer and cylindrical instead of having flat sides. As VMI moves to more modern molding techniques using the VMI 4168, delivery schedules should be more reliable as the molding process becomes more predictable.

**Last-time buy date of unchanged product:** 9/1/2023

**Estimated first ship date for change:** 9/1/2023

**Customer qualification samples available:** Upon request.

### Method of identifying changed product (If applicable):

Date code: N/A

Serial number: N/A

Other: N/A

Description: Change in the physical shape of the optocoupler and the cathode band being

**Comments:** N/A

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**Verification date:** 7/13/2023 3:32:18 PM