



8755 W. Higgins Road  
Suite 500  
Chicago, Illinois USA 60631

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Apr 24<sup>th</sup>, 2017

ESW490-29\_TO252 New Tape & Reel Cover Tape Material

To our valued customers,

Littelfuse would like to notify you of a newly approved packing cover tape material 3M 2671A for all TO-252 Thyristor products. The new cover tape material is fully approved internally.

There is no change in product mechanical specification and package outline dimension (POD) as well as product function itself. Please see the attached documentation for change detail and affected part numbers.

**Form, fit, function changes:** None

**Part number changes:** None

**Effective date:** Jun 1<sup>st</sup>, 2017

**Replacement products:** N/A

**Last time buy:** N/A

This notification is for your information and acknowledgement. If you have any other questions or concerns, please contact your local sales team or Zhiwei Wang, Global Product Manager of Thyristor.

We value your business and look forward to assisting you whenever possible.

Best Regards,

Zhiwei Wang  
Semiconductor Business Unit, Wuxi, China  
+86 510 85277701 - 7927  
[zwang@littelfuse.com](mailto:zwang@littelfuse.com)



800 E. Northwest Highway Des Plaines, IL 60016

## Product/Process Change Notice (PCN)

**PCN#:** ESW490-29    **Date:** Apr 24, 2017

**Product Identification:**

All TO-252 Thyristor

**Implementation Date for Change:**

Jun 1<sup>st</sup> , 2017

### Contact Information

**Name:** Zhiwei Wang

**Title:** Global Product Manager of Thyristor

**Phone #:** +86 510 85277701 - 7927

**Fax#:** N/A

**E-mail:** zwang@littelfuse.com

### Category of Change:

- Assembly Process
- Data Sheet
- Technology
- Discontinuance/Obsolescence
- Equipment
- Manufacturing Site
- Raw Material
- Testing
- Fabrication Process
- Other: \_\_\_\_\_

### Description of Change:

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### Important Dates:

Qualification Samples Available: Apr 24<sup>th</sup> 2017

Last Time Buy:

Final Qualification Data Available: Apr 24<sup>th</sup> 2017

Date of Final Product Shipment:

### Method of Distinguishing Changed Product

- Product Mark,
- Date Code, Start from 7FXXX
- Other,

### Demonstrated or Anticipated Impact on Form, Fit, Function or Reliability:

None

### LF Qualification Plan/Results:

Attached..... full detail available upon request

**Customer Acknowledgement of Receipt:** Littelfuse requests you acknowledge receipt of this PCN. In your acknowledgement, you can grant approval or request additional information. Littelfuse will assume the change is acceptable if no acknowledgement is received within 30 days of this notice. Lack of any additional response within 90 days of PCN issuance further constitutes acceptance of the change.

# PCN Report

**Prepared By** : Maggie Xu, Senior Product Engineer  
**Date** : Apr 21st, 2017  
**Device** : Thyristor TO252 Series Package Product  
**Revision** : A

## 1.0 Objective:

The purpose of this project is to qualify the use of 3M 2671A as a new Tape & Reel cover tape material for Thyristor TO252 Package Products.


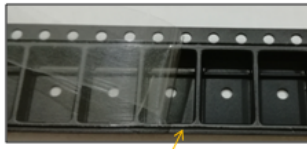
Package	Original Cover Tape Material	New Cover Tape Material
TO252	3M 2688A	3M 2671A

## 2.0 Applicable Devices:

Thyristor TO252 Package Product Series

## 3.0 Packing Method:

- 1) There will be no changes in the packing method
- 2) Slightly visual change on cover tape color and residual tape after peeling off the cover tape

	3M 2688A	3M 2671A
Before Peeling off		
After Peeling off	 Residual adhesive and tape	 No residual adhesive and tape

## 4.0 Physical Differences/Changes:

There is no change in mechanical specification and package outline dimension (POD).



**5.0 Reliability Test Results Summary:**

NA

**6.0 Electrical Characteristic Summary:**

NA

**7.0 Changed Part Identification:**

NA

**8.0 Recommendations & Conclusions:**

Base on process qualification result, It is determined that 3M 2671A is qualified and certified for Thyristor TO252 Product Series.

**9.0 Approvals:**

**Maggie Xu**  
Thyristor Product Engineer  
Littelfuse, WUXI

**Xin Wang**  
Product Engineer Manager  
Littelfuse, WUXI