

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

Apr 24th, 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 1st, 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



800 E. Northwest Highway Des Plaines, IL 60016

Product/Process Change Notice (PCN)				
PCN#: ESW490-29 Date: Apr 24, 201	7 Contact Information			
Product Identification:	Name: Zhiwei Wang			
All TO-252 Thyristor	Title: Global Product Manager of Thyristor			
Implementation Date for Change:	Phone #: +86 510 85277701 - 7927			
Jun 1 st , 2017	Fax#: N/A			
	E-mail: zwang@littelfuse.com			
Category of Change:	Description of Change:			
Assembly Process	Littelfuse would like to notify you of a newly approved packing cover tape			
Data Sheet	material 3M 2671A for all TO-252 Thyristor products. The new cover tape			
Technology	material is fully approved internally.			
Discontinuance/Obsolescence				
Equipment	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.			
Testing				
Fabrication Process Other:				
Important Dates:				
Qualification Samples Available: Apr 24 th 2017				
✓ Qualification Samples Available: Apr 24th 2017 ✓ Final Qualification Data Available: Apr 24th 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.

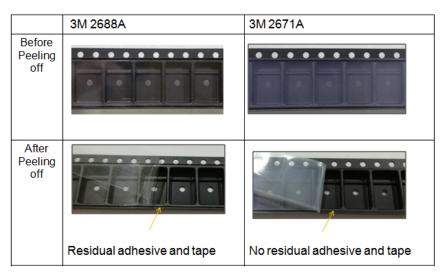
Package	Original Cover Tape Material	New Cover Tape Material
TO252	3M 2688A	3M 2671A

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



4.0 Physical Differences/Changes:

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



5.0 <u>Reliability Test Results Summary:</u>

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 <u>Xin Wang</u> Product Engineer Manager Littelfuse, WUXI