

To : Valued Customer
From : Littelfuse Product Management

Subject : Temporary Change of Cover Tape for Packaging Nano 885 Series Fuses

Due to assurance of supply issues of the existing cover tape and the need for continuous supply of the NANO 885 series fuses, Littelfuse will temporarily use a similar cover tape.

The change to a different cover tape will impact the packaging for all ratings of the 885 series fuses.

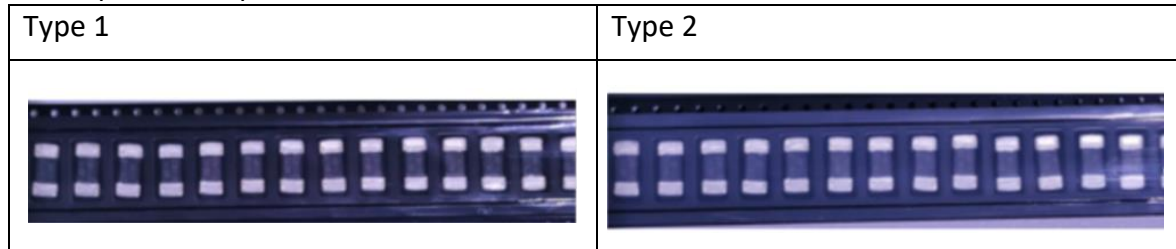
Part numbers as follows.

- 0885001.DR, 08851.25DR, 088501.6DR, 0885002.DR, 088502.5DR, 08853.15DR, 0885004.DR, 0885005.DR

The change will be as follows:

		FROM	TO	Remarks
Cover Tape for Packaging	Type/Model	Type 1	Type 2	Different
	Manufacturer	A	A	Same

Actual photo comparison of the two materials are as below:



This change does not impact form, fit and function of the fuse itself.

A copy of the report of the testing done on the combination of the Cover and Carrier tape is as per attached.

When is the target implementation?

WW 50 ~ WW51 in mass production; upon depletion of the stocks of the Type 1 material that Littelfuse still has.



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Should there be further clarifications or concerns re: this temporary change, please contact your local Littelfuse Sales Office or Product Management Team to help you.

Best regards,
Daniel Wang
Director Global Product Management
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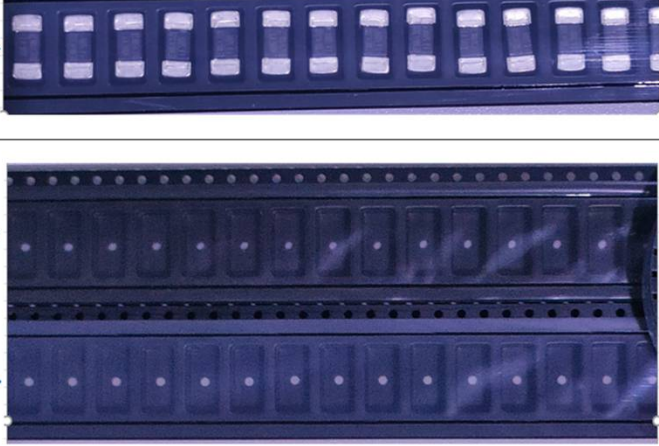

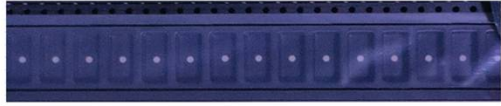
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885 series New Cover Tape Qualification

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Comparison of Existing vs. Eval (Appearance)

(P/N:088584) 885 New Cover Tape vs Control		Control	Evaluation
Using new cover tape vs control	Control → 		
	Evaluation → 		

Remarks:

- Evaluated samples are observed to have a slight hazy appearance compared to the existing.

Process Validation and Peel Force Results

885 Lot1 Lot 2 Lot 3_ 088584 Cover Tape					
Peel Force Result in DTR					
Trial No.	Temp Set up	PSI	Lot 1	Lot 2	Lot 3
1st Trial	175°C-175°C	35-35psi	3/3 Passed	3/3 Passed	3/3 Passed
2nd Trial			3/3 Passed	3/3 Passed	3/3 Passed
3rd Trial			3/3 Passed	3/3 Passed	3/3 Passed
1st Trial	170°C-170°C		3/3 Passed	3/3 Passed	3/3 Passed
2nd Trial			3/3 Passed	3/3 Passed	3/3 Passed
3rd Trial			3/3 Passed	3/3 Passed	3/3 Passed
1st Trial	175°C-170°C		3/3 Passed	3/3 Passed	3/3 Passed
2nd Trial			3/3 Passed	3/3 Passed	3/3 Passed
3rd Trial			3/3 Passed	3/3 Passed	3/3 Passed
1st Trial	180°C-175°C		3/3 Passed	3/3 Passed	3/3 Passed
2nd Trial			3/3 Passed	3/3 Passed	3/3 Passed
3rd Trial			3/3 Passed	3/3 Passed	3/3 Passed
1st Trial	180°C-180°C	3/3 Passed	3/3 Passed	3/3 Passed	
2nd Trial		3/3 Passed	3/3 Passed	3/3 Passed	
3rd Trial		3/3 Passed	3/3 Passed	3/3 Passed	

Remarks:

- Defined working window parameter for the new 885 cover tape
- All 3 lots passed and have comparable results for the defined parameters.

Conclusion and Recommendations:

- IQA thickness and width data for all 3 evaluated samples passed the requirements.
- The evaluated samples are observed to have a slight hazy appearance compared to the control.
- Passed the peel force data.