



# Product Change Notification (PCN)

PCN Number	510314	Date Issued	August 17, 2021
Reason for Change	Change Supplier		
Change Type Description	This letter is to inform you that Molex is adding a new supplier or the supplier is making a change affecting the part(s) identified in this notice. There will be no negative impact to product performance as a result of this change.		
Reason for Short Notice	Special Request		
Assessment of Change	Product will be fully qualified before it is shipped. Qualification reports will be available after below listed date		
Internal Molex Qualification Date	September 16, 2021		
Sample Availability Date (Changed Part)	September 16, 2021		
Planned Implementation Date	September 16, 2021		
Method of Identifying Change	Product made after planned implementation date can contain the change		

RELEASED

## Before Change

**Notification and Product Qualification to expand use of alternate material suppliers to additional MX150 terminal part numbers and additional mill sources for MX150 raw material**

**Summary:**

Molex has been approved by all customers for qualified additional sources for C19025 raw material for MX150 terminals and has been using these additional sources for several years. We are now expanding the use of these additional sources across a broader range of MX150 part numbers to include the cable seal terminals and Au/Ag terminals. In addition, we are qualifying additional mills to produce within our supply base to allow a better flow of raw material to our plants.

There is no change to the raw material and no change to fit, form, or function of the finished MX150 terminal.

**Scope of the Qualification:**

Once qualified, we will use this expanded supply base as mill sources for all currently supplied MX150 terminals on attached list of part numbers.

**MX150 Terminal Part Series effected -**

31296, 33000, 33001, 33011, 33012, 34080, 34081, 34083, 34750, 34751

## After Change

**Production Testing**

Stamping Processes and Internal Evaluations

Molex will stamp an appropriate quantity of sample materials from each item and perform the following tests

- A. Adhesion Test [required by supplier (for preplate Sn) and required by Lincoln(for bare material)]
- B. Normal Force @ 125C & 150C for 100 hrs.
- C. Material properties comparison, SRR Curves, Bend Formability
- D. Dimensional disposition

Molex will test several specific series of parts and use surrogate data for remainder of part numbers

**Timeline**

Molex will have all qualification complete and start shipping material produced from these alternate sources by mid September, 2021.

PPAP and qualification documents will be made available upon request from customers.



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You may address any technical inquiries regarding this PCN by sending E-mail to [pcn\\_coordinator@molex.com](mailto:pcn_coordinator@molex.com) or your Local Sales Engineer.

Note: While responding, please retain "**PCN Notification:510314**" in the e-mail Subject line for faster response.

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