



# Product Change Notification

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |        |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------|
| <b>Date Issued :</b>                              | December 02, 2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>PCN Number :</b> | 513077 |
| <b>Reason for Change :</b>                        | Change Supplier                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |        |
| <b>Description of Change :</b>                    | <p>Supplier Change : this notification is to inform you about a change of resin suppliers impacting the part(s) attached as per list. No changes will be made to product as part of this change.</p> <p>*This PCN covers the part numbers of 53048**50 in its impacted part list, which were missed out in PCN 512997. Its content is the same as that of PCN 512997.</p> <p>*Both the full &amp; customer part lists attached this time cover 53048**50 only, and for the rest of the impacted part numbers, please refer to the lists of PCN 512997.</p> <p>*Also, to those who have recieved PCN 512997, please make your requests through PCN 512997 for our efficient request management (sample availability is also the same as that in PCN 512997).</p> |                     |        |
| <b>Reason for Short Notice :</b>                  | Special Request                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |        |
| <b>Assessment of Change :</b>                     | Reliability Test Report/s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |        |
| <b>Planned Implementation Date :</b>              | February 01, 2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |        |
| <b>Sample Availability Date:</b>                  | November 28, 2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |        |
| <b>Internal Molex Qualification Date :</b>        | November 28, 2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |        |
| <b>Last date to request Samples by Customer :</b> | January 18, 2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |        |
| <b>Traceability Code Markings / Date :</b>        | Lot information on label                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |        |

Before Picture

## Background of This PCN

Due to the difficulty in obtaining the flame retardant from Toray Industries, Inc., it became difficult to supply the necessary molding raw materials, and we had no choice but to change the resin manufacturer. After selecting a resin that satisfies our product specifications and evaluating the product, we started contacting the customer.



Dear Sir,

We would like to express our deepest appreciation for your many years of patronage.  
We regret to inform you that Toray will not be able to purchase enough amount of flame retardants for PA66, no matter how we are making an effort to get it.  
We may have to reduce the shipping amount of PA66 FR grade to Molex.  
We apologize for any inconvenience and will keep you informed of changes in this situation as it progresses.

## After Picture

## Change Overview

### ➤ Description of change

- Due to Toray's Flame Retardant shortage, there is a shortage of PA66 glass fiber containing resin, and it is difficult to supply the target connector, so we will switch to Asahi Kasei.

| Series Number | Series Title                                                 | Change before                      | After change                       |
|---------------|--------------------------------------------------------------|------------------------------------|------------------------------------|
| 53047**10     | 1.25 Pico Blade Header, Single Row, Vertical, Tin            | TORAY PA66<br>20% GF NA<br>UL94V-0 | ASAHI PA66<br>20% GF NA<br>UL94V-0 |
| 53047**60     | 1.25 Pico Blade Header, Single Row, Vertical, Gold Flash     |                                    |                                    |
| 53047**70     | 1.25 Pico Blade Header, Single Row, Vertical, Gold Plating   |                                    |                                    |
| 53048**10     | 1.25 Pico Blade Header, Single Row, Right-Angle, Tin         |                                    |                                    |
| 53048**60     | 1.25 Pico Blade Header, Single Row, Right-Angle Gold Flash   |                                    |                                    |
| 53048**50     | 1.25 Pico Blade Header, Single Row, Right-Angle Gold Plating |                                    |                                    |

### ➤ Product Impact: No impact on fit, form or function

### ➤ Part number impact: 53047\*\*10/53047\*\*60/53047\*\*70/53048\*\*10/53048\*\*60/53048\*\*50

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## Additional Information :

## Change Overview

## ➤ Color difference

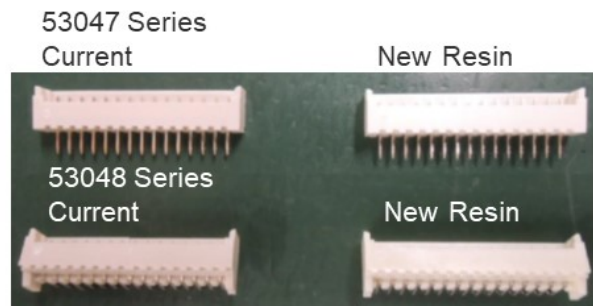
After changing the resin, the color will be slightly brighter.

## ➤ Sample Availability

The following MPNs are available as representative.

| 2 ckt      | 15 ckt     |
|------------|------------|
| 53047-0210 | 53047-1510 |
| 53048-0210 | 53048-1510 |

➤ Identification: During the first 6 months of production with an alternative material, add an "M" to the end of the traceability number on the label (see photo) to identify products made with the alternative material.



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You may address inquiries regarding this PCN by clicking on the below link

[mailto:pcn\\_coordinator@molex.com?subject=PCN\\_Notification:513077](mailto:pcn_coordinator@molex.com?subject=PCN_Notification:513077)

or contact your Local Sales Engineer.

Note: While responding, please retain " PCN Notification : **PCN Notification: 513077** " in the e-mail Subject line for faster response.

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