



# Product Change Notification

<b>Date Issued :</b>	March 06, 2024	<b>PCN Number :</b>	515008
<b>Reason for Change :</b>	Obsolete		
<b>Description of Change :</b>	This notification is to inform you about the obsolescence of parts referenced in this notice. Please connect with your Molex Sales Engineer for additional queries related to possible alternative solutions.		
<b>Reason for Short Notice :</b>	Supplier Constraints		
<b>Planned Implementation Date :</b>	August 19, 2024		
<b>Recommended replacement parts :</b>	Please see the attached replacement parts list .xls file.		
<b>Last Time Buy Date for Obsolete Parts :</b>	April 01, 2024		
<b>Last Time Ship Date for Obsolete Parts :</b>	August 01, 2024		

Before Picture

- Tin-Silver-Bismuth plated part numbers of 505278 and 200529 series will be obsoleted and replaced by Tin-Bismuth plated part numbers of 505278 and 200529 series.
- Tin-Silver-Bismuth plated part numbers of 54548, 54550, 51296 series will be obsoleted with potential replacement of gold-plated part. (Except for 54550-1534 as gold-plated series 54550-\*\*72 do not have 15 circuit version)

Part numbers to be obsoleted	Replacement part numbers
505278-**33 (Tin-Silver-Bismuth plated)	505278-**70 (Tin-Bismuth plated)
200529-0**0 (Tin-Silver-Bismuth plated)	200529-0**1 (Tin-Bismuth plated)

Part numbers to be obsoleted	Replacement Part
54548-**34 (Tin-Silver-Bismuth plated)	54548-**72 (gold plated)
54550-**34 (Tin-Silver-Bismuth plated)	54550-**72 (gold plated) (Except for 545501534, which will be EOLed without replacement)
51296-**33 (Tin-Silver-Bismuth plated)	51296-**94 (gold plated)

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After Picture

## Overview – for 505278 and 200529 series

- Currently Molex FFC/FPC connectors with tin-silver-bismuth plating is and can only be plated by an outside vendor. Due to the unilateral decision by the plating vendor to discontinue the tin-silver-bismuth plating line, it has affected Molex's ability to continue offering 505278 and 200529 series in tin-silver-bismuth plating. However, Molex will introduce replacement part with tin-bismuth plating and plating will be done at Molex.
- Product Impact
  - Plating specification from Tin-Silver-Bismuth to Tin-Bismuth will be the only change. No change on other components (housing, terminals, nails).
  - No impact to fit, form or function.
- Part Number Impact
  - See attached impacted parts list
- Qualification Reports and PPAPs for the Tin-Bismuth parts will be available from August 1<sup>st</sup>, 2024. Samples will be available upon request.

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**Additional Information :****Overview – for 54548, 54550 and 51296 series**

- Currently Molex FFC/FPC connectors with tin-silver-bismuth plating is and can only be plated by an outside vendor. Due to the unilateral decision by the plating vendor to discontinue the tin-silver-bismuth plating line, it has affected Molex's ability to continue offering 54548, 50550, 51296 in tin-silver-bismuth plating. Molex currently offers gold plated parts in these 3 series and these gold-plated parts can be potential replacement (54550-1534 will not have replacement as gold-plated series 54550-\*\*72 do not have 15 circuit version)
- Product Impact
  - Plating specification from Tin-Silver-Bismuth to gold plating will be the only change. No change on other components (housing, terminals, nails).
  - No impact to fit, form or function.
- Part Number Impact
  - See attached impacted parts list.
- Qualification Reports, PPAPs, and samples for the gold-plated part is available upon request.

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"After the last time ship date, Molex will no longer manufacture the products included within this notification and all related tooling will be decommissioned.

For assets that are customer owned, the owner has 90 days after the last time ship date to claim the tooling."

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

[mailto:pcn\\_coordinator@molex.com?subject=PCN\\_Notification:515008](mailto:pcn_coordinator@molex.com?subject=PCN_Notification:515008)

or contact your Local Sales Engineer.

Note: While responding, please retain " PCN Notification : **PCN Notification: 515008** " in the e-mail Subject line for faster response.

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