molex

Product Change Notification

Date Issued :	September 23, 2026	**PCN Number :**	518874
Reason for Change :	Change to Product		
Description of Change :	This notification is to inform you of the change to the pin plating structure being made to the part(s) identified in the attached list. All other dimensional, mechanical, and material specifications of the part remain unchanged. Fit, Form or Function are not affected by this change.		
Assessment of Change :	Reliability Test Report/s		
Planned Implementation Date :	April 01, 2027		
Customer Sample Availability Date:	October 30, 2026		
Last date to request Samples by Customer :	January 30, 2027		
Please note if Samples are not requested as per Customer Samples Request date, it may take additional 4-6 weeks to arrange Samples.			
Traceability Code Markings / Date :	No special marking on the product or packaging		

Change Overview

- The change is being implemented to improve long-term solderability performance and process robustness under Lead-Free soldering conditions, which are now the predominant solder paste system used by our customers.
- This change improves solderability stability (wetting performance) after long-term storage, multiple reflow passes, and thermal/humidity aging, thereby reducing the risk of solder wetting failure in customer SMT processes.
- The terminal plating structure will be changed as follows:

Change Items	Before	After
Plating Structure	Finish/Top Layer: Tin(Sn) Under Layer: Copper Base Material: Brass	Finish/Top Layer: Tin(Sn) Under Layer: Nickel Base Material: Brass
Plating Thickness	Top(Sn): Tin 3 µm Min Under: Copper 1.0 µm Min	Top: Tin(Sn) 3 µm Min Under: Nickel 1.0 µm Min

PCN Description

- Part Number Impact :
  - Please see attached impacted parts list.
- Product Impact :
  - There will be no impact on Fit, Form, or Function including environment requirements.
- Qualification Reports and samples available upon request after the date shown above
- Implementation date may be updated due to customer demand and production conditions.

PCN Qualification and Validation Plan

- Below is the List of Part Numbers will be used for internal qualification & validation purposes.
- Samples and Qualification data will be provided upon request.

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You may address inquires regarding this PCN by clicking on the below link
mailto:pcn_coordinator@molex.com?subject=PCN_Notification:518874
or contact your Local Sales Engineer.

Note: While responding, please retain " **PCN Notification: 518874** " in the e-mail Subject line for faster response.

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