



# Product Change Notification (PCN)

PCN Number	508716	Date Issued	April 30, 2020
Reason for Change	Change to Product		
Change Type Description	This letter is to inform you that changes are being made to the part(s) identified in this Notice. The change may affect the fit, form, function or appearance of the parts, or it may result in a change to the specification. The pictures below show an example of the possible differences.		
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	August 30, 2020		
Sample Availability Date (Changed Part)	August 30, 2020		
Planned Implementation Date	October 30, 2020		
Method of Identifying Change	Date code		

## Before Change

- Select Nano-Fit terminals will be transitioning from bright tin to matte tin to improve oxidation resistance on the crimp area of the terminal
- Further to this, we will adjust relevant wording and correct a wording error on the relevant customer drawing



Picture of bright tin product

PLATING SPECIFICATION	
	GOLD PLATING 0.38 MICRONS MINIMUM ON CONTACT AREA.
B	BRIGHT TIN 2.5 MICRONS MINIMUM ON CONTACT AREA.
	UNDER NICKEL PLATING 1.25 MICRONS MINIMUM OVERALL.
	GOLD PLATING 0.75 MICRONS MINIMUM ON CONTACT AREA.
C	BRIGHT TIN 2.5 MICRONS MINIMUM ON CONTACT AREA.
	UNDER NICKEL PLATING 1.25 MICRONS MINIMUM OVERALL.



Picture of matte tin product

PLATING SPECIFICATION	
	GOLD PLATING 0.38 MICRONS MINIMUM ON CONTACT AREA.
B	MATTE TIN 2.5 MICRONS MINIMUM ON CRIMP AREA.
	UNDER NICKEL PLATING 1.25 MICRONS MINIMUM OVERALL.
	GOLD PLATING 0.75 MICRONS MINIMUM ON CONTACT AREA.
C	MATTE TIN 2.5 MICRONS MINIMUM ON CRIMP AREA.
	UNDER NICKEL PLATING 1.25 MICRONS MINIMUM OVERALL.

## After Change

### Overview

- To improve resistance to oxidation, we are moving from a bright tin plating to matte tin plating on impacted parts
- This does not impact the plating location or thickness of the plating on these terminals
- This will be a running change; there is no change in product performance, as defined in our product specification, between the bright and matte tin plating in the crimp area
- Gold plating specifications on the contact area will remain unchanged on relevant parts
- Product Impact
  - No impact to fit, form or function
- Part Number Impact
  - See attached impacted parts list
- Qualification Reports and samples available upon request after the date shown above



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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:508716**" in the e-mail Subject line for faster response.

RELEASED

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