



Product Change Notification (PCN)

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|---|---|-------------|----------------|
| 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 | | |

RELEASED

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 | |
|-----------------------|--|
| A | 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. |
| C | GOLD PLATING 0.78 MICRONS MINIMUM ON CONTACT AREA. |
| | BRIGHT TIN 2.5 MICRONS MINIMUM ON CONTACT AREA. |
| | UNDER NICKEL PLATING 1.25 MICRONS MINIMUM OVERALL. |



Picture of matte tin product

| PLATING SPECIFICATION | |
|-----------------------|--|
| A | 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. |
| C | GOLD PLATING 0.78 MICRONS MINIMUM ON CONTACT AREA. |
| | 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



Product Change Notification (PCN)

You may address any technical inquiries regarding this PCN by sending E-mail to 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

Molex, LLC
2222 Wellington Court
Lisle, IL 60532
TEL: 630-969-4747
www.molex.com

| PCN # | Molex Part # |
|--------|--------------|
| 508716 | 451300201 |
| 508716 | 451300203 |
| 508716 | 451300210 |
| 508716 | 797582129 |
| 508716 | 797582130 |
| 508716 | 1053001200 |
| 508716 | 1053001300 |
| 508716 | 1053002200 |
| 508716 | 1053002300 |
| 508716 | 2054030002 |
| 508716 | 2061080001 |

Part numbers affected:

| |
|-------------|
| 79758-2129 |
| 79758-2130 |
| 105300-2200 |
| 105300-2300 |