



Product Change Notification (PCN)

PCN Number Date Issued

Reason for Change

Change Type Description

Assessment of Change

Internal Molex Qualification Date

Sample Availability Date (Changed Part)

Planned Implementation Date

Method of Identifying Change

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

Picture of matte 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.

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

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Lisle, IL 60532
TEL: 630-969-4747
www.molex.com

PCN #	Customer #	Customer Name	Search Term	Molex Part #	Customer Material #	City	State	Country	Sales Engineer Name	Sales Engineer Email-ID
508716	0000122303	NEWARK ELEMENT 14	NEWARK	000000000451300401		CHICAGO	IL	US	TONY CIAPETTA	TONY.CIAPETTA@MOLEX.COM
508716	0000122303	NEWARK ELEMENT 14	NEWARK	000000000797582129	38AH6036	CHICAGO	IL	US	TONY CIAPETTA	TONY.CIAPETTA@MOLEX.COM
508716	0000122303	NEWARK ELEMENT 14	NEWARK	000000000797582130	38AH6037	CHICAGO	IL	US	TONY CIAPETTA	TONY.CIAPETTA@MOLEX.COM
508716	0000122303	NEWARK ELEMENT 14	NEWARK	000000001053002200		CHICAGO	IL	US	TONY CIAPETTA	TONY.CIAPETTA@MOLEX.COM
508716	0000122303	NEWARK ELEMENT 14	NEWARK	000000001053002300		CHICAGO	IL	US	TONY CIAPETTA	TONY.CIAPETTA@MOLEX.COM