



# Product Change Notification (PCN)

PCN Number	510451	Date Issued	July 16, 2021
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 details below show an example of the possible differences.		
Reason for Short Notice	Corrective Actions		
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	July 19, 2021		
Sample Availability Date (Changed Part)	July 19, 2021		
Planned Implementation Date	July 31, 2021		
Method of Identifying Change	Date code		

RELEASED

## Before Change

**BEFORE**

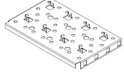

- SFP+ Light Pipe Cover C770 Materials don't have plating process

**MATERIAL SPECIFICATION:**

**NOTES:**

- MATERIAL: E 21-0110 C770 NICKEL SILVER
- SFP+ LIGHT PIPE COVER
- SURFACE FINISH: 14 RAG
- MINIMUM BURN ALLOWANCE: 0.015
- PART SURFACE TO BE FREE FROM SCRATCHES AND DENTS
- PART TO BE CLEAN FREE OF OIL AND IMPURITIES
- PART TO BE FINISHED TO PREVENT BONDING OF SURFACE SCRATCHES
- ALL FEATURES AND DIMENSIONS MUST ALWAYS BE IN SPEC.
- IF NECESSARILY THAT DIMENSIONS MARKED WITH \* ARE CHECKED BY INSPECTION
- NO HANGS OR DEFECTS

**RESULT: HIGH RISK OF HAVING DISCOLORATION**

Storage Temperature: 22-25 degree Celsius; Humidity: 70% Maximum  
 Handling: When material are used, they can't touch the product directly with their hands. They need to wear Gloves.

Note:  
 Under constant Temperature and Humidity, the **Shelf life is 6 months**

**Root Cause:**  
 The characteristic of the Light Pipe Cover material, C770 Nickel Silver. It is highly sensitive to environment which tends to discolor once exposed and has a short shelf life.

## After Change

**AFTER**

- Addition of Nickel plating for affected C770 light pipe cover material, to prevent discoloration and increase shelf life

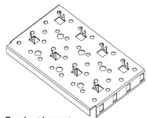
**MATERIAL SPECIFICATION:**

PN: 739273006  
 Description: 1X4 SFP LIGHT PIPE COVER  
 Material: C770 Nickel Silver

Storage Temperature: 22-25 degree Celsius; Humidity: 70% Maximum  
 Handling: When material are used, they can't touch the product directly with their hands. They need to wear Gloves.

**Shelf Life: 12 months**

Note:  
**NICKEL, PRE-PLATED MATERIALS (50 to 150 um)**



**Product Impact:**  
 Addition of pre-plating only in correction with cosmetic defect (discoloration). No impact to fit, form and function. No change on the FG selling price as well, material improvement only

**Part Number Impact (see attached)**

Click attached for the evaluation of plated materials



## Product Change Notification (PCN)

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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:510451**" in the e-mail Subject line for faster response.

RELEASED

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[www.molex.com](http://www.molex.com)

PCN #	Customer #	Customer Name	Search Term	Molex Part #	Customer Material #	City	State	Country	Sales Engineer Name	Sales Engineer Email-ID
510451	0000104140	AVNET EMG FINANCE--H601	AVNETEMG	000000000747260001		DALLAS	TX	US	TONY CIAPETTA	TONY.CIAPETTA@MOLEX.COM
510451	0000104140	AVNET EMG FINANCE--H601	AVNETEMG	000000000747540011		DALLAS	TX	US	TONY CIAPETTA	TONY.CIAPETTA@MOLEX.COM
510451	0000104140	AVNET EMG FINANCE--H601	AVNETEMG	000000000747540021		DALLAS	TX	US	TONY CIAPETTA	TONY.CIAPETTA@MOLEX.COM
510451	0000104140	AVNET EMG FINANCE--H601	AVNETEMG	000000000747540041		DALLAS	TX	US	TONY CIAPETTA	TONY.CIAPETTA@MOLEX.COM
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510451	CCC-10039	Avnet	AVNET	000000000747540061		LISLE	IL	US	TONY CIAPETTA	TONY.CIAPETTA@MOLEX.COM