



Product Change Notification (PCN)

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|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|
| 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:

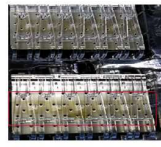
1. MATERIAL: C770 NICKEL SILVER
2. SFP+ LIGHT PIPE COVER
3. CONTACT PINS: 10 PINS
4. MOUNTING HOLE: 1.27MM DIA
5. PART TO BE CLEAN, FREE OF OIL AND FINGERPRINTS
6. PART TO BE PLATED TO PREVENT CORROSION AND SURFACE SCRATCHES
7. ALL PARTS AND DIMENSIONS MUST ALWAYS BE IN SPEC
8. IT IS RECOMMENDED THAT DIMENSIONAL MEASUREMENTS BE CHECKED AT ROOM TEMPERATURE

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.

RESULT: HIGH RISK OF HAVING DISCOLORATION

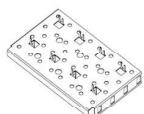


After Change

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 PLATED MATERIALS (50 TO 100 UTM)**

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)

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:510451**" 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