



# Product Change Notification

|                                                                                                                                     |                                                                                                                                                                              |                     |        |
|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------|
| <b>Date Issued :</b>                                                                                                                | July 17, 2026                                                                                                                                                                | <b>PCN Number :</b> | 518475 |
| <b>Reason for Change :</b>                                                                                                          | Packaging Method/Quantity Change                                                                                                                                             |                     |        |
| <b>PCN Subcategory:</b>                                                                                                             | PCQC - Label Change                                                                                                                                                          |                     |        |
| <b>Description of Change :</b>                                                                                                      | This notification is to inform you about part(s) listed in this notice will undergo changes to the label. No changes will be made to the product as a result of this change. |                     |        |
| <b>Planned Implementation Date :</b>                                                                                                | January 17, 2027                                                                                                                                                             |                     |        |
| <b>Last date to request Samples by Customer :</b> July 31, 2026                                                                     |                                                                                                                                                                              |                     |        |
| Please note if Samples are not requested as per Customer Samples Request date, it may take additional 4-6 weeks to arrange Samples. |                                                                                                                                                                              |                     |        |

- **BEFORE:**
  - Serial Number Format: YYDDDLSSSS (Base10)
  - Daily serial number capacity: 10,000 per part number
  - Barcode content: Serial number only (e.g., YYDDDLSSSS)
  - Serial number unique per part number
- **AFTER:**
  - Serial Number Format: Base30 serialization
  - Daily serial number capacity: up to 810,000 across all part numbers
  - Barcode content: "SN" (serial number)
  - Serial number unique across ALL part numbers (no duplicates cross-PN)

## Overview

- **Change description:**

- This PCN implements an updated ID and marking format for General Market (GM) products to improve serialization capacity and customer compatibility. The change transitions from Base10 to Base30 serialization, increasing daily serial number capacity from 10,000 to approximately 810,000 units across all GM part numbers. Barcode content is updated to include both part number and serial number ("PN SN") format.

- **Reason for change:**

- Current Base10 serialization limits daily capacity to 10,000 serial numbers per part number. Barcode containing only the serial number has caused confusion and incompatibility with customer inventory and validation systems requiring part number visibility in barcodes.

- **Product Impact**

- No impact to fit, form or function. This change affects ID marking and barcode content only. Serialization logic, barcode formats, and associated manufacturing and labeling processes across all affected GM programs will be updated per the 2026 ID and Marking guidance.

- **Part Number Impact**

- See attached impacted parts list.

- Qualification available upon request.

- PCN will be implemented once all required qualification/validation has been completed and all necessary approvals have been obtained.

## Additional description

- **Affected Programs — GM Programs (Base30 update applies):**

- Series 747640 — 10G QSFP+ to 4SFP DAC 1x4 Cable (Cable Ends: A/B/C/D)
- Series 100297 — 28G ZQSFP+ DAC STR-Cable (Cable Ends: P1/P2)
- Series 100345 — 25G ZQSFP+ to 4ZSFP DAC 1x4 Cable (Cable Ends: A/B/C/D)
- Series 201591, 201591 — 56G QSFP-DD DAC STR-Cable (Cable Ends: P1/P2)
- Additional series: 212675, 100346, 100372, 201591, 203366, 205898, 212675, 217989, 225534— various AEC & DAC cable families

You may address inquiries regarding this PCN by clicking on the below link

[mailto:pcn\\_coordinator@molex.com?subject=PCN\\_Notification:518475](mailto:pcn_coordinator@molex.com?subject=PCN_Notification:518475)

or contact your Local Sales Engineer.

Note: While responding, please retain " **PCN Notification: 518475** " in the e-mail Subject line for faster response.

**Molex, LLC**

2222 Wellington Court

Lisle, IL 60532

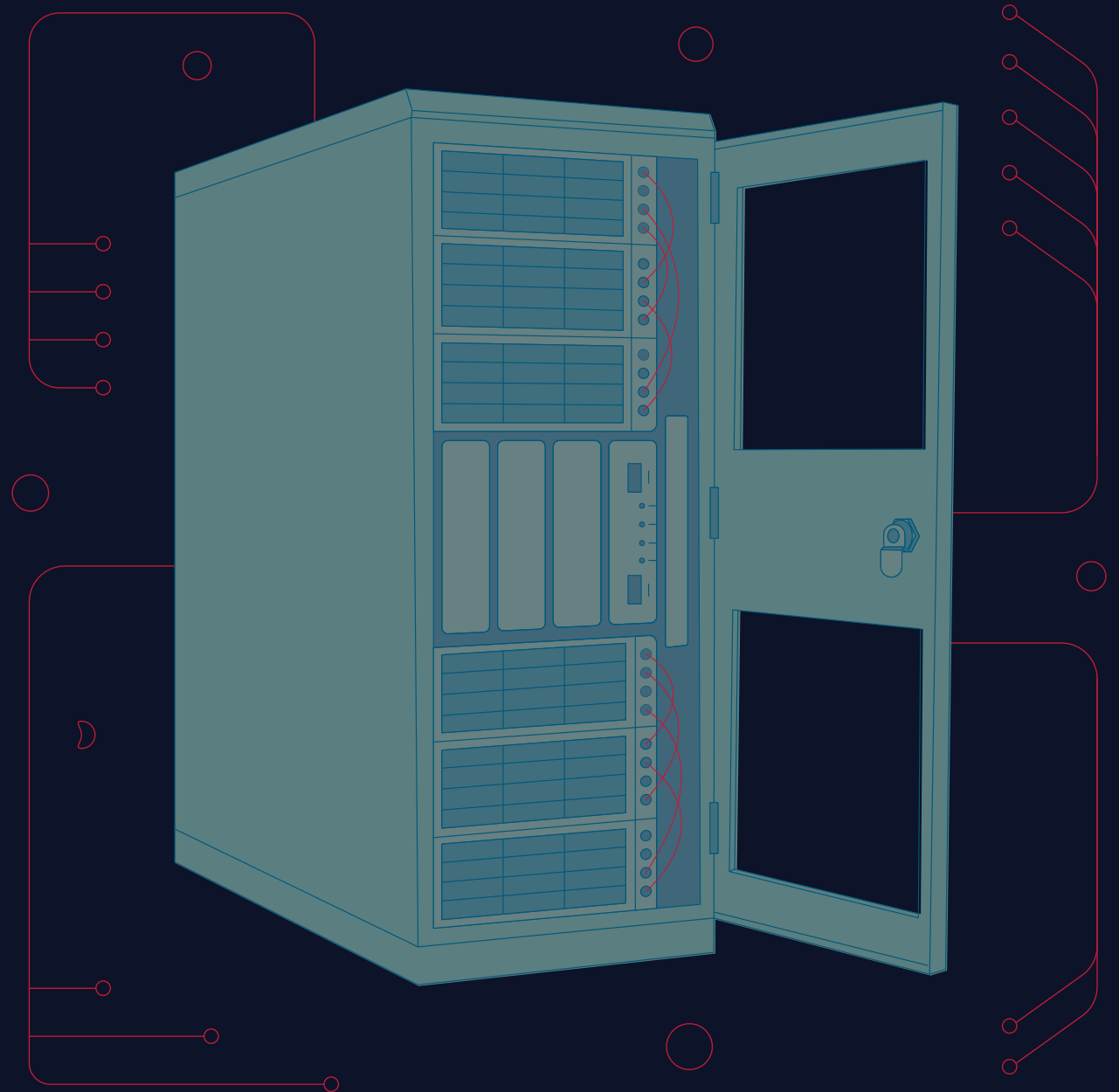
TEL (800) 786-6539

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

# General Market ID + Marking Updates

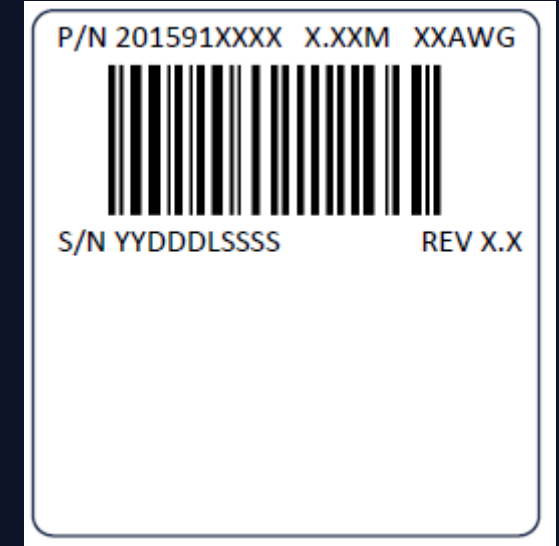
Jacob Bock

2026-04-20



# Molex GM Historical ID + Marking

- Serial Number Format
  - YDDLSSSS or YYDDLSSSS
  - YY = 2 digit year
  - DDD = 3 digit day of year
  - L = 1 digit location code
  - SSSS = 4-digit base10 serialization 0000-9999
- Serial Number Uniqueness
  - Serial number is unique to the part number
- Barcode Format
  - Serial number only e.g. YYDDLSSSS

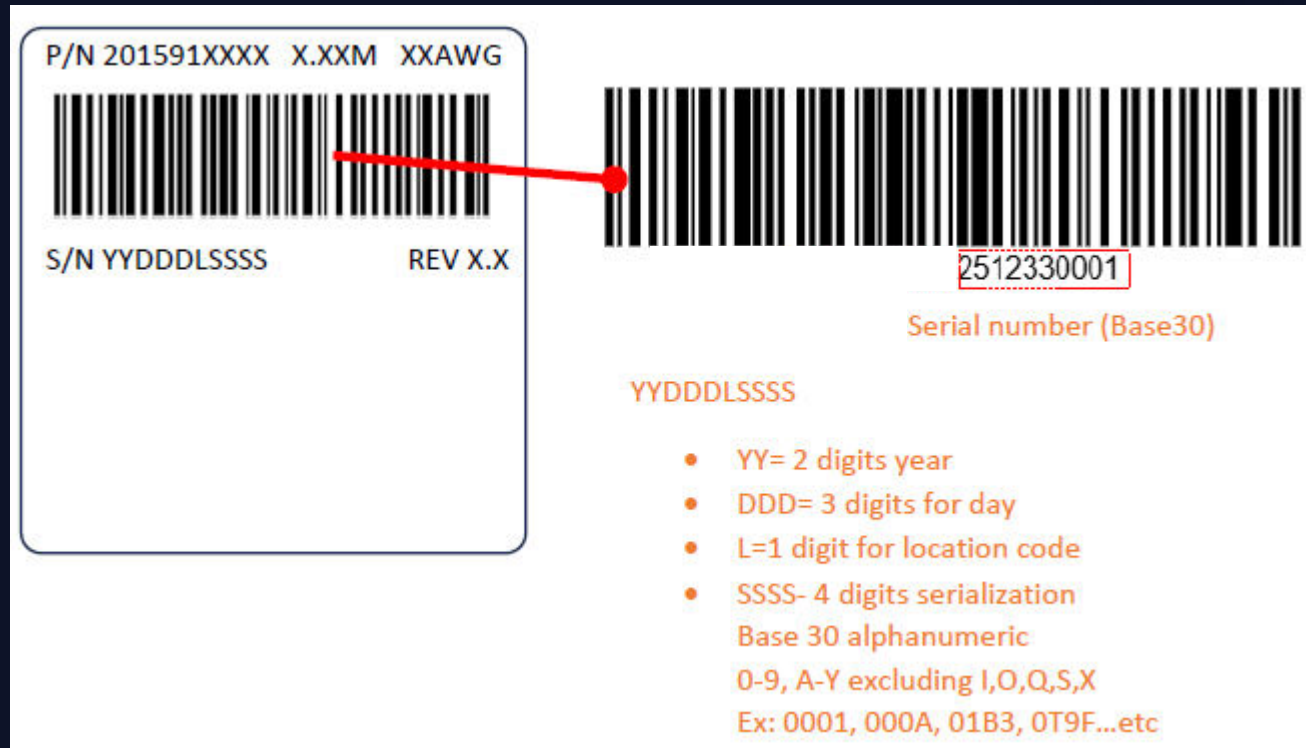


# Limitations

- Serial Number Format + Serial Uniqueness
  - Daily limit of 10,000 serial numbers
    - SSSS = 4-digit base10 serialization 0000-9999 limits the total number of pieces per day to 10,000
  - Daily limit forced us to configure serialization to be unique to the part number
- Barcode Format
  - Barcode content only contained the serial number; this caused confusion with customers buying multiple Molex part numbers
  - Some customer systems cannot recognize per-part number uniqueness; their systems require the part number in the barcode to verify no duplicates within a part number
  - Some customer systems require the part number in the barcode as part of their inventory control system

# Molex GM 2026 ID + Marking

(Q1 2026 Guidance)



- Update from Base10 -> Base30 Serialization
  - Base30 serialization allows us to support up to 810,000 unique serial numbers per day; this will allow us to group ALL part numbers together to ensure no duplicates across part numbers

| PCN #  | Customer # | Customer Name | Search Term | Molex Part # | Customer Material # |
|--------|------------|---------------|-------------|--------------|---------------------|
| 518475 | 103679     | TTI, Inc.     | TTI INC     | 1002971101   | MLX100297-1101      |

| City               | State | Country | Sales Engineer Name |
|--------------------|-------|---------|---------------------|
| Maisach-Gernlinden | 09    | DE      | Carlos ARINO        |

| Sales Engineer email | Opportunity # | Opportunity Item Lost Indicator |
|----------------------|---------------|---------------------------------|
|----------------------|---------------|---------------------------------|

CARLOS.ARINOMORENO@MOLEX.COM

| PCN No | Part List  |
|--------|------------|
| 518475 | 0747641101 |
| 518475 | 0747641201 |
| 518475 | 0747641251 |
| 518475 | 0747641301 |
| 518475 | 1002971101 |
| 518475 | 1002971151 |
| 518475 | 1002971201 |
| 518475 | 1002971251 |
| 518475 | 1002971301 |
| 518475 | 1003451104 |
| 518475 | 1003451154 |
| 518475 | 1003451204 |
| 518475 | 1003451254 |
| 518475 | 1003451304 |
| 518475 | 1003456304 |
| 518475 | 1003469015 |
| 518475 | 1003469016 |
| 518475 | 1003469017 |
| 518475 | 1003469018 |
| 518475 | 1003469054 |
| 518475 | 1003729005 |
| 518475 | 2015911503 |
| 518475 | 2015911600 |
| 518475 | 2015911601 |
| 518475 | 2015911602 |
| 518475 | 2015912002 |
| 518475 | 2015912003 |
| 518475 | 2015912004 |
| 518475 | 2015912005 |
| 518475 | 2015912006 |
| 518475 | 2015913010 |
| 518475 | 2015913017 |
| 518475 | 2015913020 |
| 518475 | 2015913025 |
| 518475 | 2015913176 |
| 518475 | 2015913206 |
| 518475 | 2015913254 |
| 518475 | 2015913258 |
| 518475 | 2015915094 |
| 518475 | 2015919902 |
| 518475 | 2015919903 |
| 518475 | 2015919904 |
| 518475 | 2033662102 |
| 518475 | 2033662103 |
| 518475 | 2033662104 |
| 518475 | 2033662105 |

|        |            |
|--------|------------|
| 518475 | 2033662106 |
| 518475 | 2058987001 |
| 518475 | 2126751071 |
| 518475 | 2126751091 |
| 518475 | 2126757106 |
| 518475 | 2126757108 |
| 518475 | 2126757109 |
| 518475 | 2126757114 |
| 518475 | 2126757116 |
| 518475 | 2179891002 |
| 518475 | 2179891003 |
| 518475 | 2179891005 |
| 518475 | 2255340113 |
| 518475 | 2255340114 |
| 518475 | 2255340118 |
| 518475 | 2255340119 |