



# Product Change Notification (PCN)

|   |  |             |                 |
|---|--|-------------|-----------------|
| PCN Number                              | 510406   | Date Issued | August 10, 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                    | Passed FAI   |             |                 |
| Internal Molex Qualification Date       | August 18, 2021  |             |                 |
| Sample Availability Date (Changed Part) | August 18, 2021  |             |                 |
| Planned Implementation Date             | August 23, 2021  |             |                 |
| Method of Identifying Change            | Product made after planned implementation date can contain the change  |             |                 |

RELEASED

## Before Change

### Before

- Plating gold length spec is mentioned as 3.56mm. We have reel to reel plating line where this parts done with gold plating through immersion plating, by design we cannot maintain the gold length exactly at 3.56mm. Purposefully immersion depth is kept at higher side as having gold coverage lesser than required spec will cause functional failure.

| A-42377-0107 / 0141 |                    |            |      |            |            |
|---------------------|--------------------|------------|------|------------|------------|
| HEADER NUMBER:      | 42312-0036         |            |      |            |            |
| PN NUMBER:          | 42663-858208       |            |      |            |            |
| PN LENGTH: L        | 630716.00          |            |      |            |            |
| MATING LENGTH: M    | 3248.23            |            |      |            |            |
| GOLD POINT: G       | 14003.56           |            |      |            |            |
| PN HEIGHT: Y        | 0701.78            |            |      |            |            |
| PC TAIL LENGTH: P   | 1503.43            |            |      |            |            |
| TIN: T              | 1353.43            |            |      |            |            |
| CKTS:               | 2-36               |            |      |            |            |
| KINKS:              | NONE               |            |      |            |            |
| REMOVED BACKWALLS:  | NONE               |            |      |            |            |
| VOIDED CKTS:        | NONE               |            |      |            |            |
| PACKAGING:          | BULK PK-40873-0041 |            |      |            |            |
| CKTS                | MATERIAL           | ENG        | CKTS | MATERIAL   | ENG        |
| 02                  | 22-28-8023         | 42377-0107 | 20   | 22-28-8003 | 42377-0126 |
| 03                  | 22-28-8033         | 42377-0108 | 21   | 22-28-8213 | 42377-0126 |
| 04                  | 22-28-8043         | 42377-0109 | 22   | 22-28-8223 | 42377-0127 |
| 05                  | 22-28-8053         | 42377-0110 | 23   | 22-28-8233 | 42377-0128 |
| 06                  | 22-28-8063         | 42377-0111 | 24   | 22-28-8243 | 42377-0129 |

## After Change

### After

In drawing it is mentioned 3.56 mm. So, we are correcting drawing mentioning the gold length as Min 3.56mm.

- Product Impact
  - "no impact to fit, form or function"
- Part Number Impact
  - "see attached impacted parts list"
- Process qualification run will be done as per new drawing revision.

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| CKTS                | MATERIAL           | ENG        | CKTS | MATERIAL   | ENG        |
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| 03                  | 22-28-8033         | 42377-0108 | 21   | 22-28-8213 | 42377-0126 |
| 04                  | 22-28-8043         | 42377-0109 | 22   | 22-28-8223 | 42377-0127 |
| 05                  | 22-28-8053         | 42377-0110 | 23   | 22-28-8233 | 42377-0128 |
| 06                  | 22-28-8063         | 42377-0111 | 24   | 22-28-8243 | 42377-0129 |
| 07                  | 22-28-8073         | 42377-0112 | 25   | 22-28-8253 | 42377-0130 |
| 08                  | 22-28-8083         | 42377-0113 | 26   | 22-28-8263 | 42377-0131 |
| 09                  | 22-28-8093         | 42377-0114 | 27   | 22-28-8273 | 42377-0132 |
| 10                  | 22-28-8103         | 42377-0115 | 28   | 22-28-8283 | 42377-0133 |



## 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:510406**" in the e-mail Subject line for faster response.

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**Molex, LLC**  
2222 Wellington Court  
Lisle, IL 60532  
TEL: 630-969-4747  
[www.molex.com](http://www.molex.com)

| PCN #  | Customer # | Customer Name    | Search Term | Molex Part # | Customer Material # | City       | State | Country |
|--------|------------|------------------|-------------|--------------|---------------------|------------|-------|---------|
| 510406 | 103989     | TTI INCORPORATED | TTI INC     | 22288363     | MOL22-28-8363       | FORT WORTH | TX    | US      |
| 510406 | CCC-10770  | TTI              | TTI         | 22288363     |                     | Lisle      | IL    | US      |

| Sales Engineer Name | Sales Engineer Email-ID  |
|---------------------|--------------------------|
| CYDNEY GINTERT      | CYDNEY.GINTERT@MOLEX.COM |
| CYDNEY GINTERT      | CYDNEY.GINTERT@MOLEX.COM |