

| LOC | DIST | REVISIONS |     |                             |           |     |      |
|-----|------|-----------|-----|-----------------------------|-----------|-----|------|
|     |      | P         | LTR | DESCRIPTION                 | DATE      | DWN | APVD |
| -   | -    |           | A   | INITIAL RELEASE             | 29FEB2012 | LW  | SZ   |
|     |      |           | A1  | ADD NOTE FOR GOLD THICKNESS | 09APR2012 | LW  | CW   |
|     |      |           | A2  | REV PER ECR-12-010636       | 12JUN2012 | LW  | AC   |

NOTES:

1.MATERIALS:  
HOUSING:HIGH TEMP. THERMOPLASTIC GLASS/MINERAL FILLED UL94V-0  
TERMINAL:COPPER ALLOY

△.FINISH:  
TIN OPTION- 0.76um MINIMUM GOLD AT CONTACT AREA  
2.54um MINIMUM NICKEL UNDERPLATED OVER ALL  
TIN AT TAIL AREA  
TIN-LEAD OPTION- 0.76um MINIMUM GOLD AT CONTACT AREA  
2.54um MINIMUM NICKEL UNDERPLATED OVER ALL  
TIN-LEAD AT TAIL AREA

△.PCB NOTE FOR DIAMETER 0.725MM PLATED HOLE.  
-DRILLED HOLE SIZE IS 0.838MM  
-PLATED WITH 0.007MM MIN.TIN OVER  
0.03 TO 0.08MM COPPER UNDERPLATE TO ACHIEVE  
0.725±0.075MM HOLE.

4.CONNECTOR WERE PACKED BY TRAY

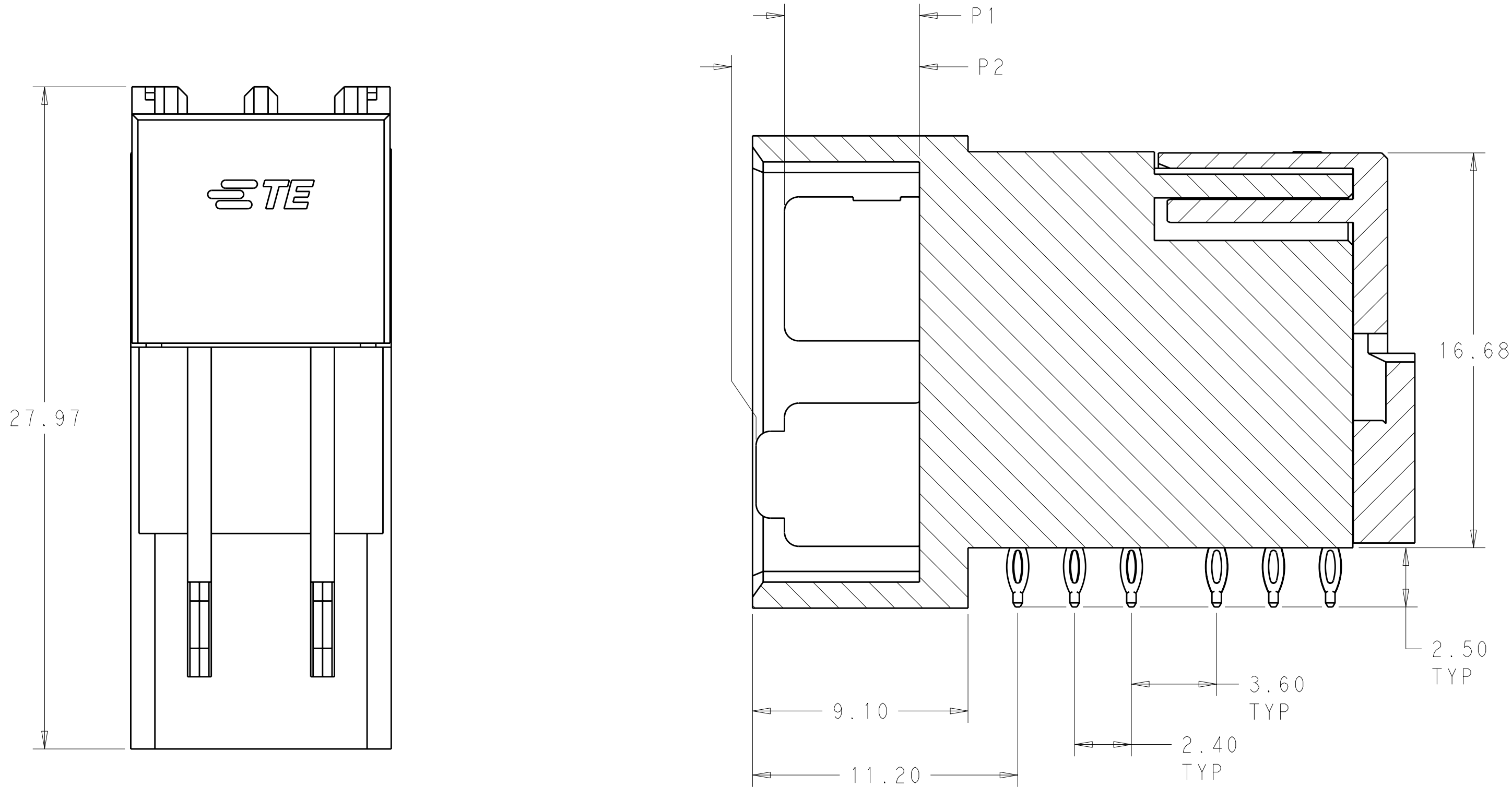
5.REFER TO TE'S PRODUCT SPECIFICATION:108-2473  
FOR TORQUE FORCE AND RETENTION FORCE

6.MATED WITH 2169809-\*

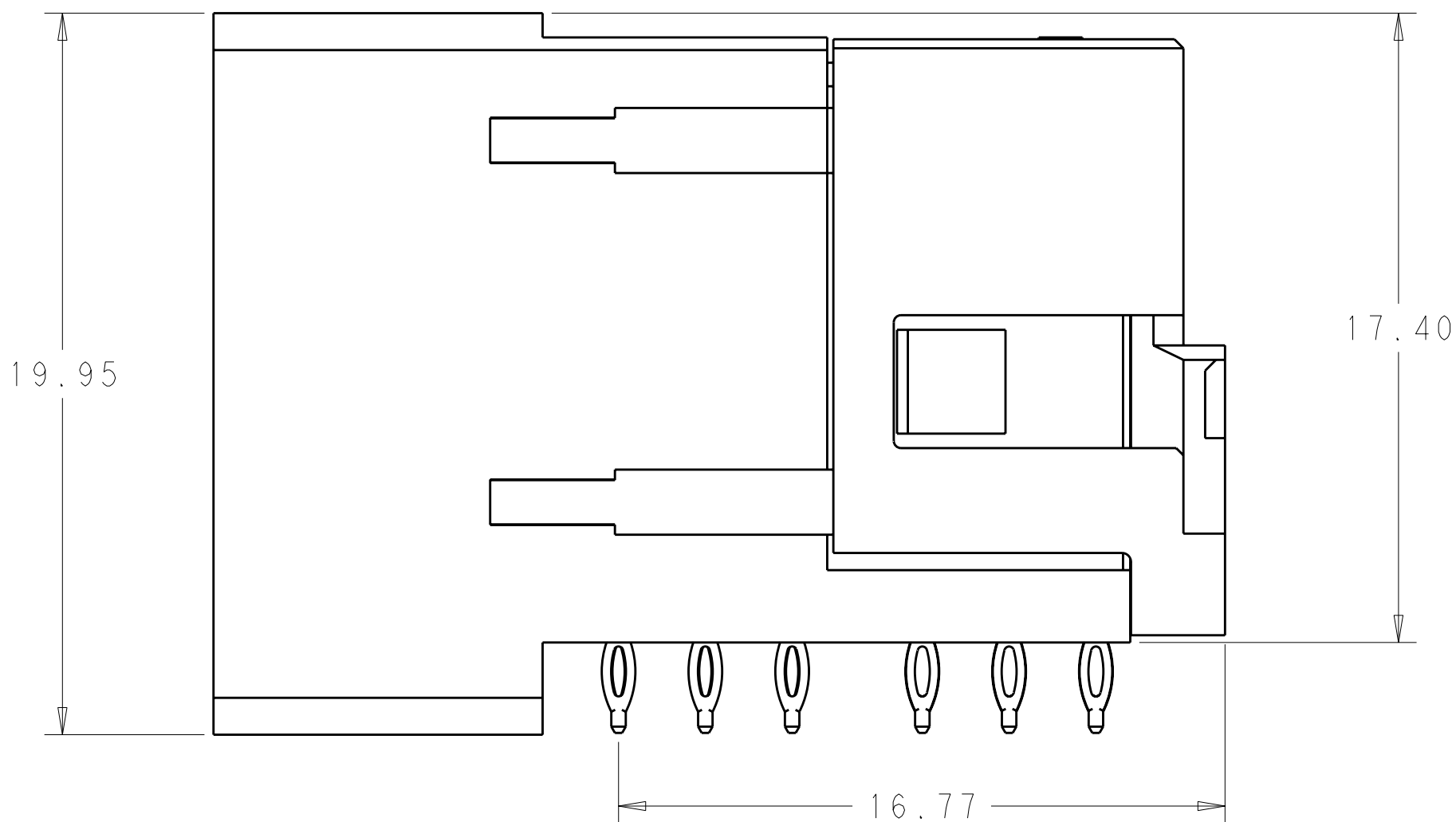
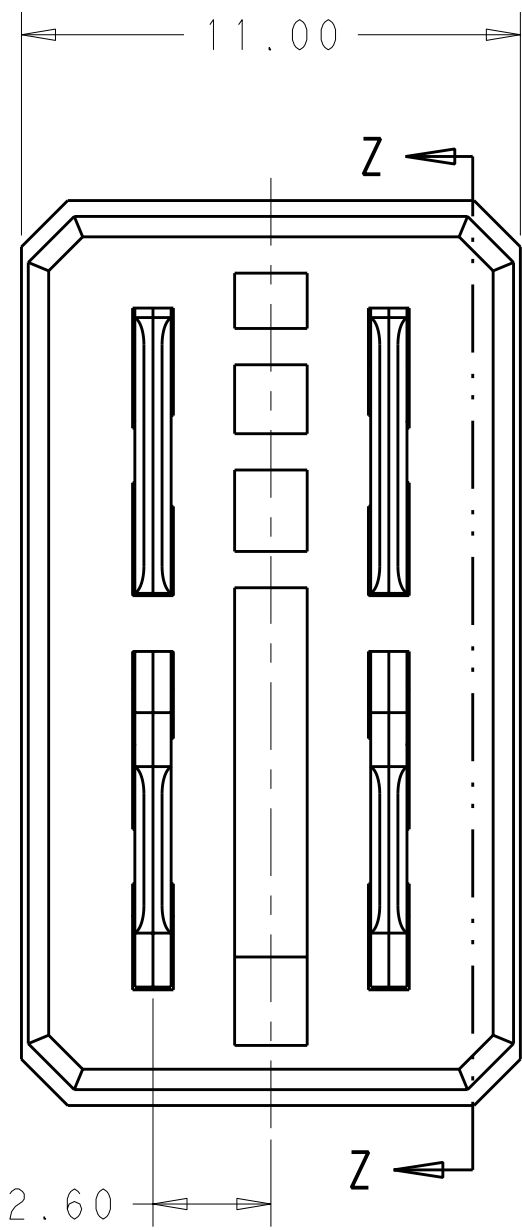
△.PART NUMBER AND DATE CODE AT ASSEMBLY AREA AS APPROXIMATE SHOWN.  
ALSO CAN BE OPPOSITE SIDE

△.THERE ARE TWO TYPES OPTION ONE TYPE WITH DOVETAIL  
ANOTHER WITHOUT DOVETAIL

△.COMPONENT PLACEMENT ZONE



SECTION Z-Z  
SCALE 6:1

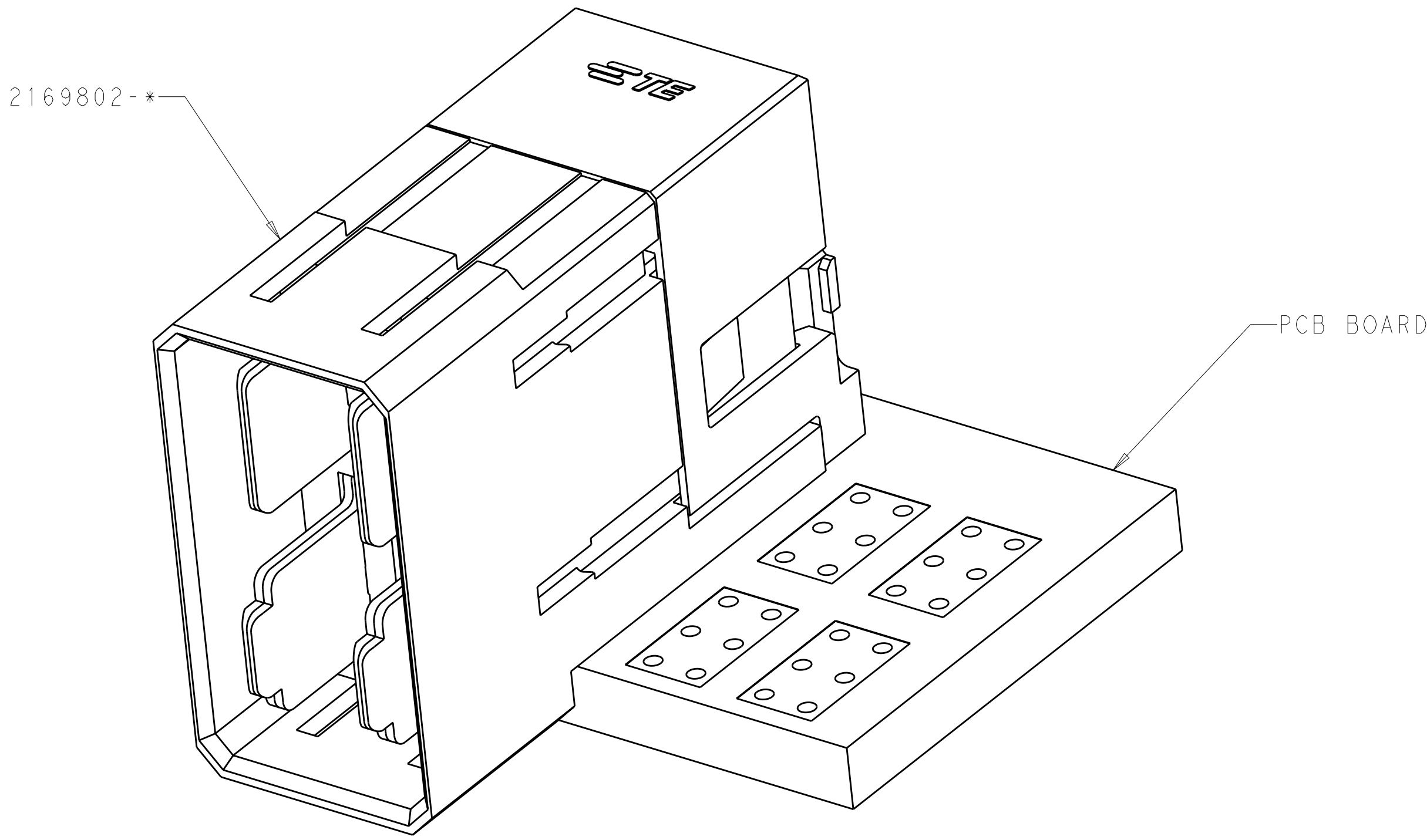


|          |            |                |                  |                 |                 |                        |
|----------|------------|----------------|------------------|-----------------|-----------------|------------------------|
| OBSOLETE | TRAY       | TIN PLATING    | NO DOVE TAIL     | 6.90            | 6.90            | 2169802-1              |
|          |            |                |                  | 5.70            | 5.70            | 2169802-2              |
|          |            |                |                  | 6.90            | 5.70            | 2169802-3              |
|          |            |                |                  | 5.70            | 6.90            | 2169802-4              |
|          |            |                | WITH DOVE TIAL   | 6.90            | 6.90            | 2169802-5              |
|          |            |                |                  | 5.70            | 5.70            | 2169802-6              |
|          |            |                |                  | 6.90            | 5.70            | 2169802-7              |
|          |            |                |                  | 5.70            | 6.90            | 2169802-8              |
|          |            |                |                  | <del>6.90</del> | <del>6.90</del> | <del>5-2169802-1</del> |
|          |            |                | NO DOVE TAIL     | <del>5.70</del> | <del>5.70</del> | <del>5-2169802-2</del> |
|          |            |                |                  | <del>6.90</del> | <del>5.70</del> | <del>5-2169802-3</del> |
|          |            |                | TIN-LEAD PLATING | <del>5.70</del> | <del>6.90</del> | <del>5-2169802-4</del> |
|          |            |                |                  | <del>6.90</del> | <del>6.90</del> | <del>5-2169802-5</del> |
|          |            |                | WITH DOVE TIAL   | <del>5.70</del> | <del>5.70</del> | <del>5-2169802-6</del> |
|          |            |                |                  | <del>6.90</del> | <del>5.70</del> | <del>5-2169802-7</del> |
|          |            |                |                  | <del>5.70</del> | <del>6.90</del> | <del>5-2169802-8</del> |
|          | PACKAGEING | PLATING OPTION | △TYPE            | P1              | P2              | PART NUMBER            |

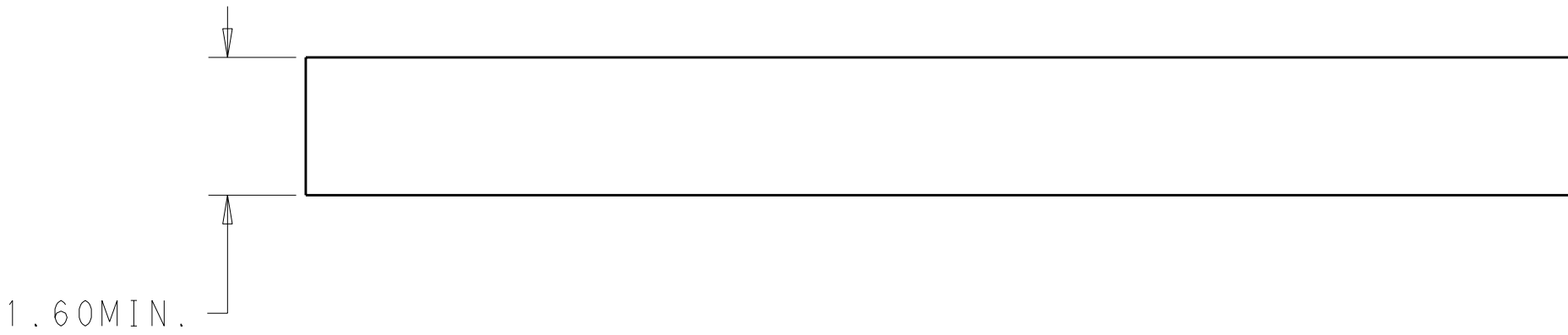
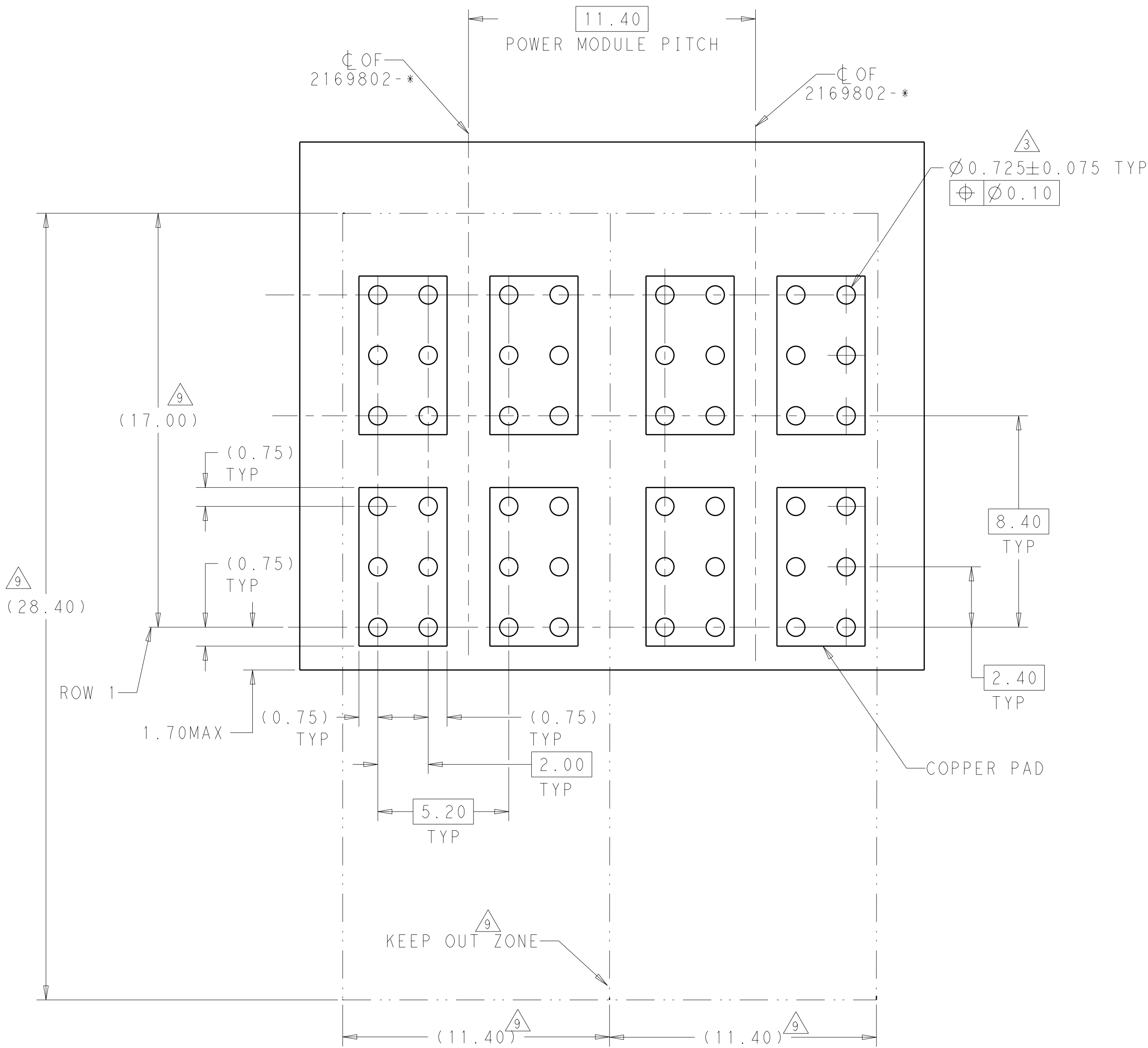
|                                                                                                                                                                                                                                                                                                 |  |                                                                                                                            |  |                                                              |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------|--|
| THIS DRAWING IS UNPUBLISHED. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE KEPT IN CONFIDENTIALITY AND NOT TO BE REPRODUCED OR DISTRIBUTED WITHOUT THE WRITTEN PERMISSION OF TYCO ELECTRONICS CORPORATION. IT SHALL BE RETURNED TO TYCO ELECTRONICS CORPORATION UPON REQUEST. |  | DWN: LERRY.WANG 05MAY2011<br>CHK: SUNY.ZHAO 05MAY2011<br>APVD: SUNY.ZHAO 05MAY2011                                         |  | NAME: ASSEMBLY<br>IMPACT POWER 4PAIR R/A HEADER<br>PRESS-FIT |  |
| DIMENSIONS:<br>mm                                                                                                                                                                                                                                                                               |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±.2<br>1 PLC ±.25<br>2 PLC ±.25<br>3 PLC ±.25<br>4 PLC ±.25<br>ANGLES ±.5° |  | PRODUCT SPEC<br>108-2473<br>APPLICATION SPEC<br>114-32028    |  |
| MATERIAL: -                                                                                                                                                                                                                                                                                     |  | FINISH: 2                                                                                                                  |  | WEIGHT: -<br>CUSTOMER DRAWING                                |  |
| SIZE: A1 00779 C=2169802                                                                                                                                                                                                                                                                        |  |                                                                                                                            |  | RESTRICTED TO: -                                             |  |
| SCALE: 6:1                                                                                                                                                                                                                                                                                      |  |                                                                                                                            |  | SHEET: 1 OF 2                                                |  |
| REV: A2                                                                                                                                                                                                                                                                                         |  |                                                                                                                            |  |                                                              |  |



| LOC |  | DIST |  | REVISIONS   |      |     |      |
|-----|--|------|--|-------------|------|-----|------|
| P   |  | LYR  |  | DESCRIPTION | DATE | OWN | APVD |
|     |  |      |  | SEE SHEET 1 | -    | -   | -    |
|     |  |      |  |             |      |     |      |
|     |  |      |  |             |      |     |      |
|     |  |      |  |             |      |     |      |



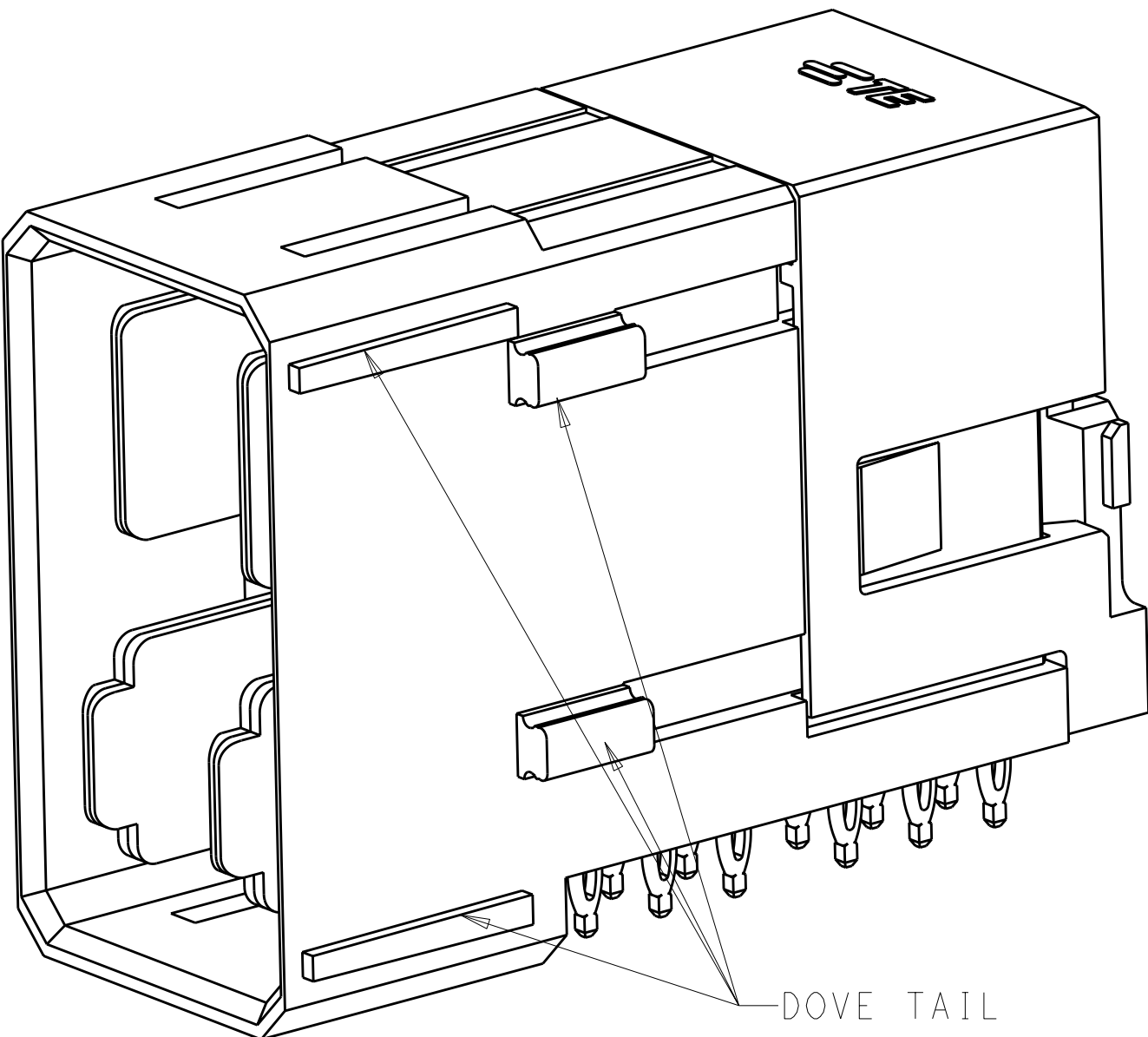
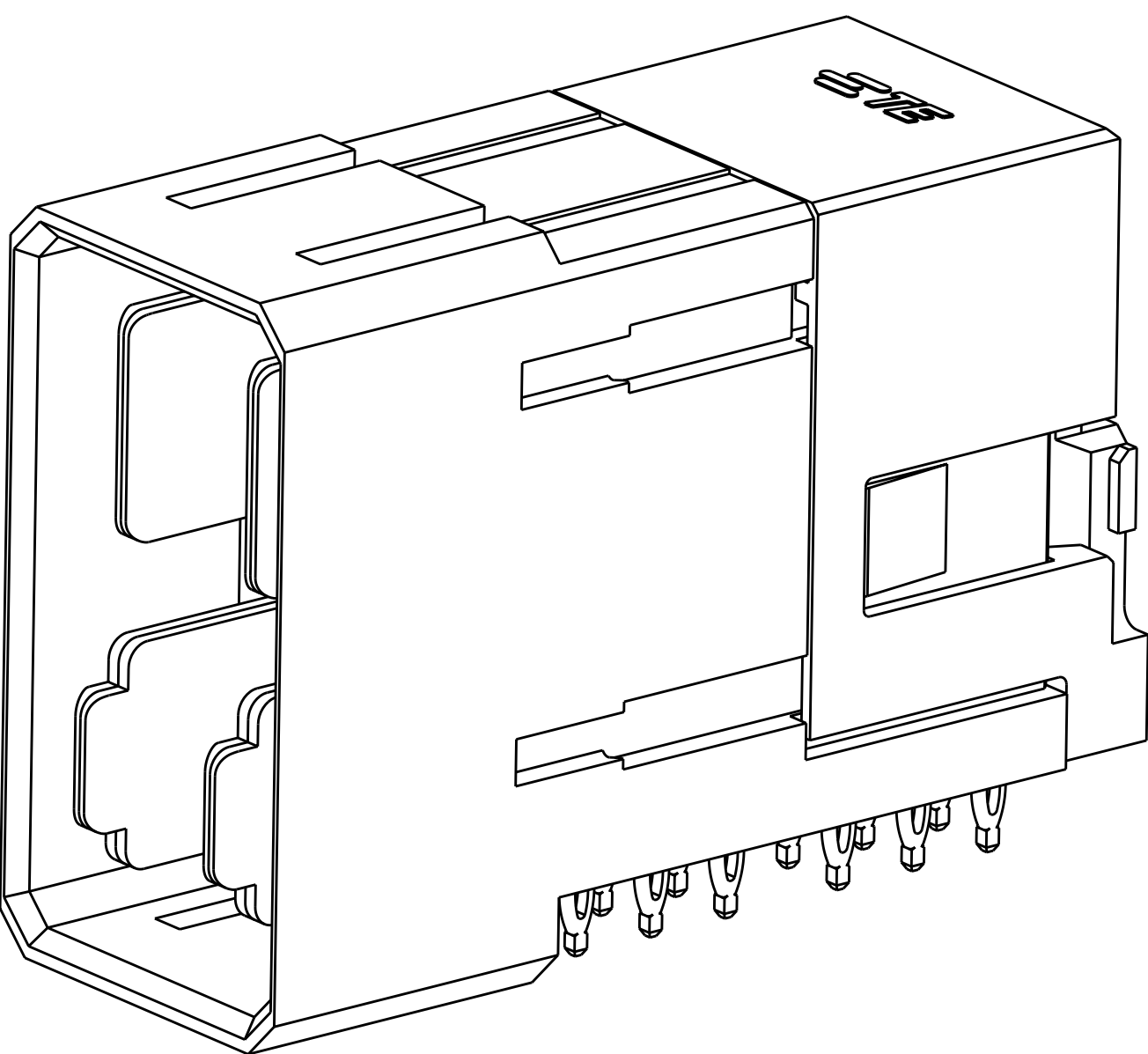
CONNECTOR MATED WITH PCB



PCB LAYOUT FOR 4PAIR R/A HEADER POWER MODULE  
(COMPONENT SIDE SHOWN)

NO DOVETAIL

WITH DOVETAIL



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                             |  |                                                                                                       |  |               |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|---------------|--|
| THIS DRAWING IS UNPUBLISHED. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED. IT IS TO BE KEPT IN THE ORIGINAL FORM AND NOT REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT PERMISSION IN WRITING FROM TYCO ELECTRONICS CORPORATION, NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. |  |                                                                                             |  | DWN: LERRY.WANG 05MAY2011<br>CHK: SUNY.ZHAO 05MAY2011<br>APVD: SUNY.ZHAO 05MAY2011<br>NAME: SUNY.ZHAO |  |               |  |
| DIMENSIONS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                      |  | PRODUCT SPEC                                                                                          |  | SIZE          |  |
| mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 9 PLC ±.05<br>1 PLC ±.05<br>2 PLC ±.05<br>3 PLC ±.05<br>4 PLC ±.05<br>ANGLES ±.5°<br>FINISH |  | 108-2473                                                                                              |  | CAGE CODE     |  |
| MATERIAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 114-32028                                                                                   |  | APPLICATION SPEC                                                                                      |  | DRAWING NO    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | WEIGHT                                                                                      |  | A1 00779                                                                                              |  | RESTRICTED TO |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | CUSTOMER DRAWING                                                                            |  | SCALE 6:1                                                                                             |  | SHEET 2 OF 2  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                             |  |                                                                                                       |  | REV A2        |  |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9