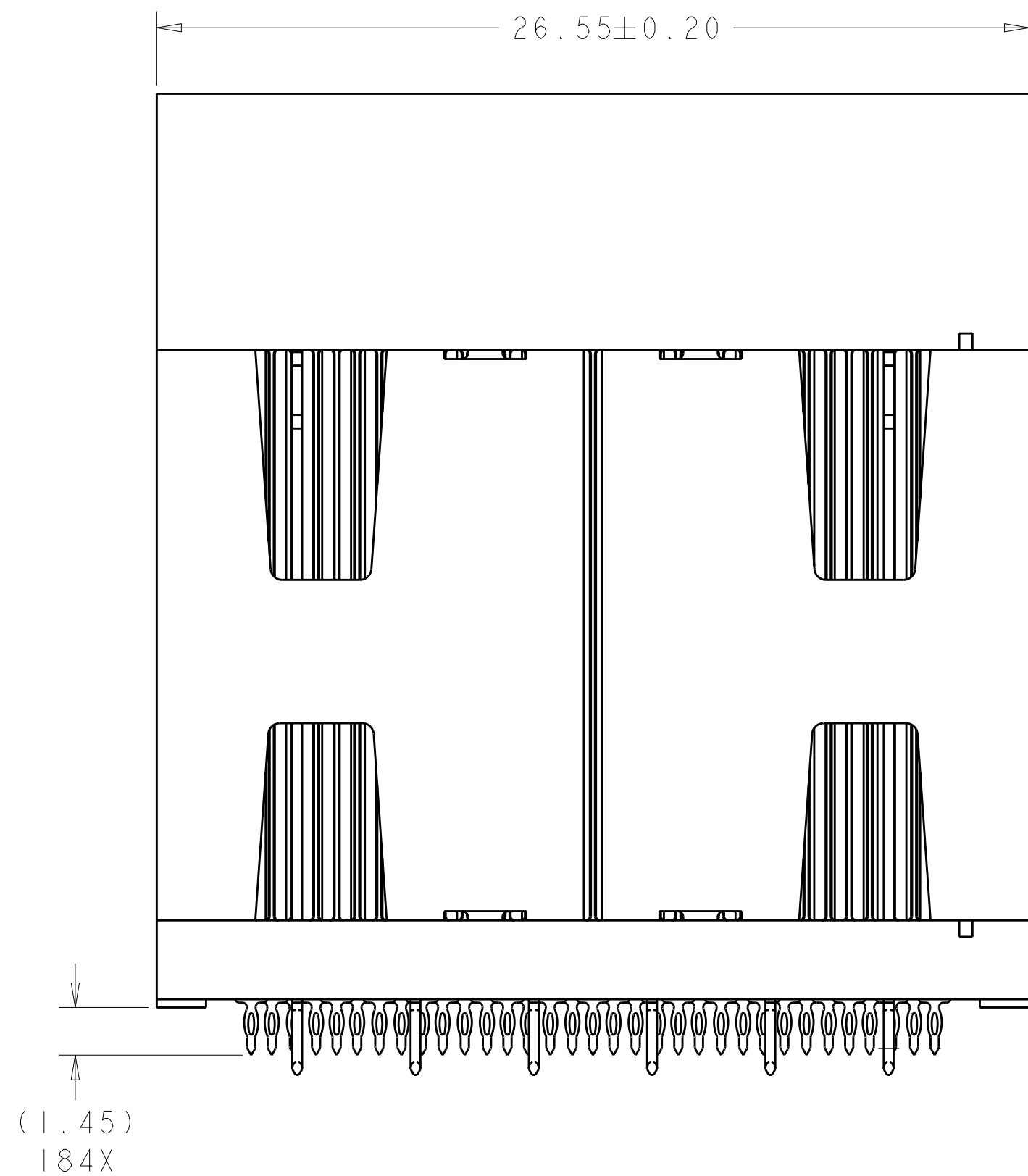
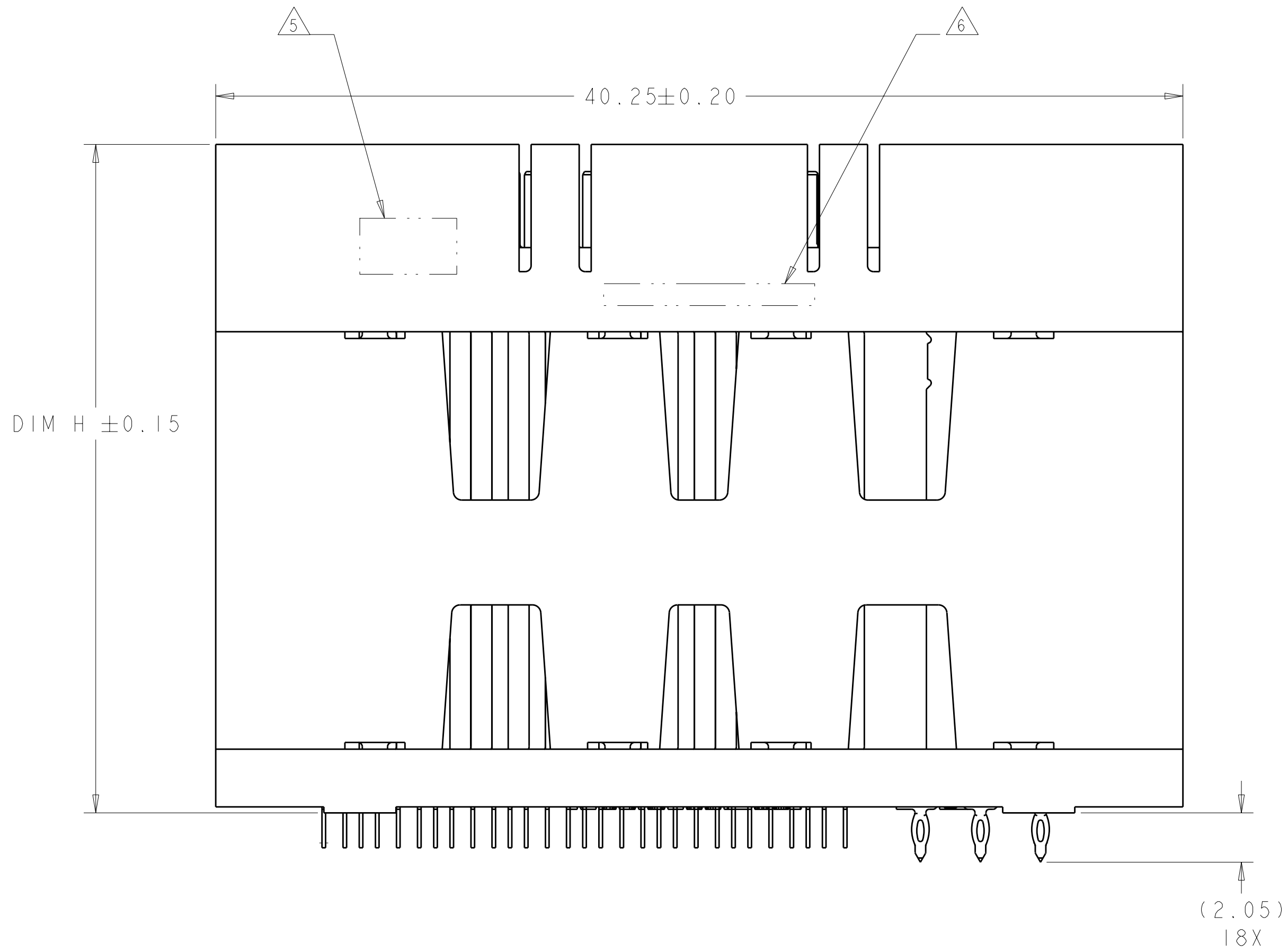
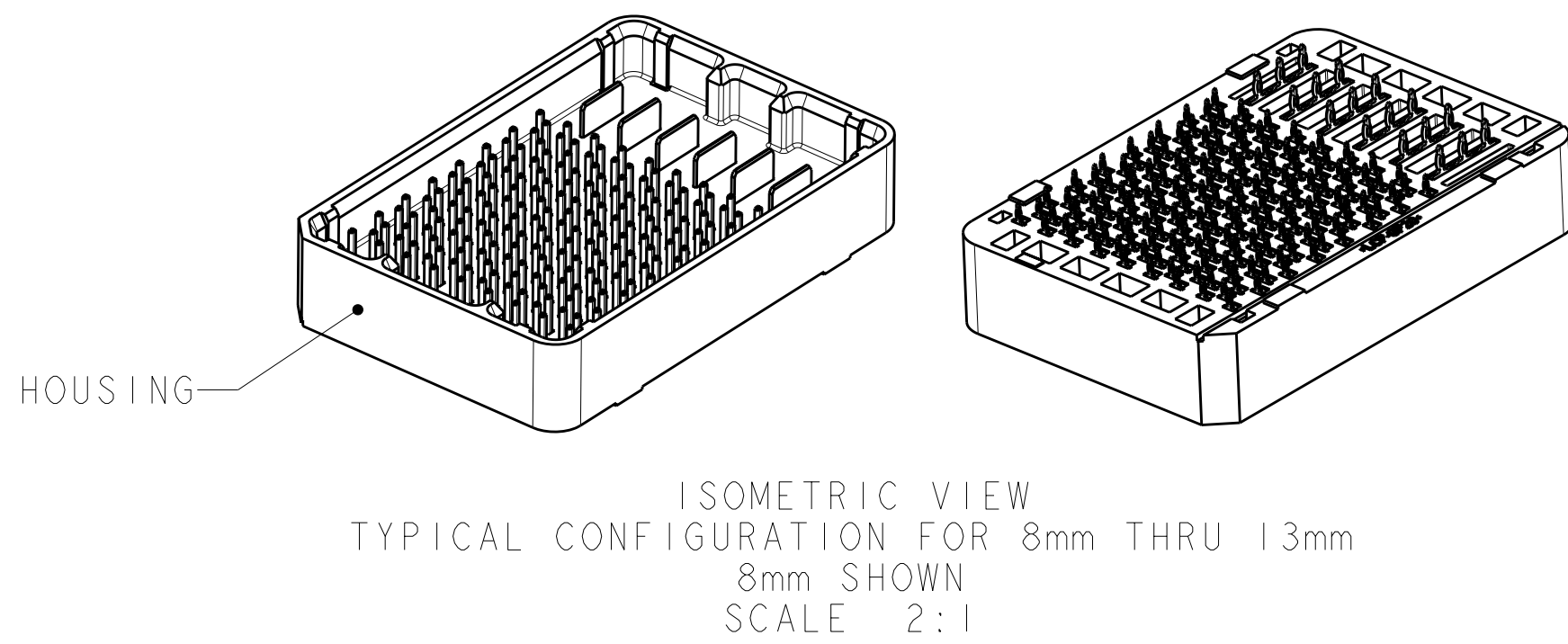
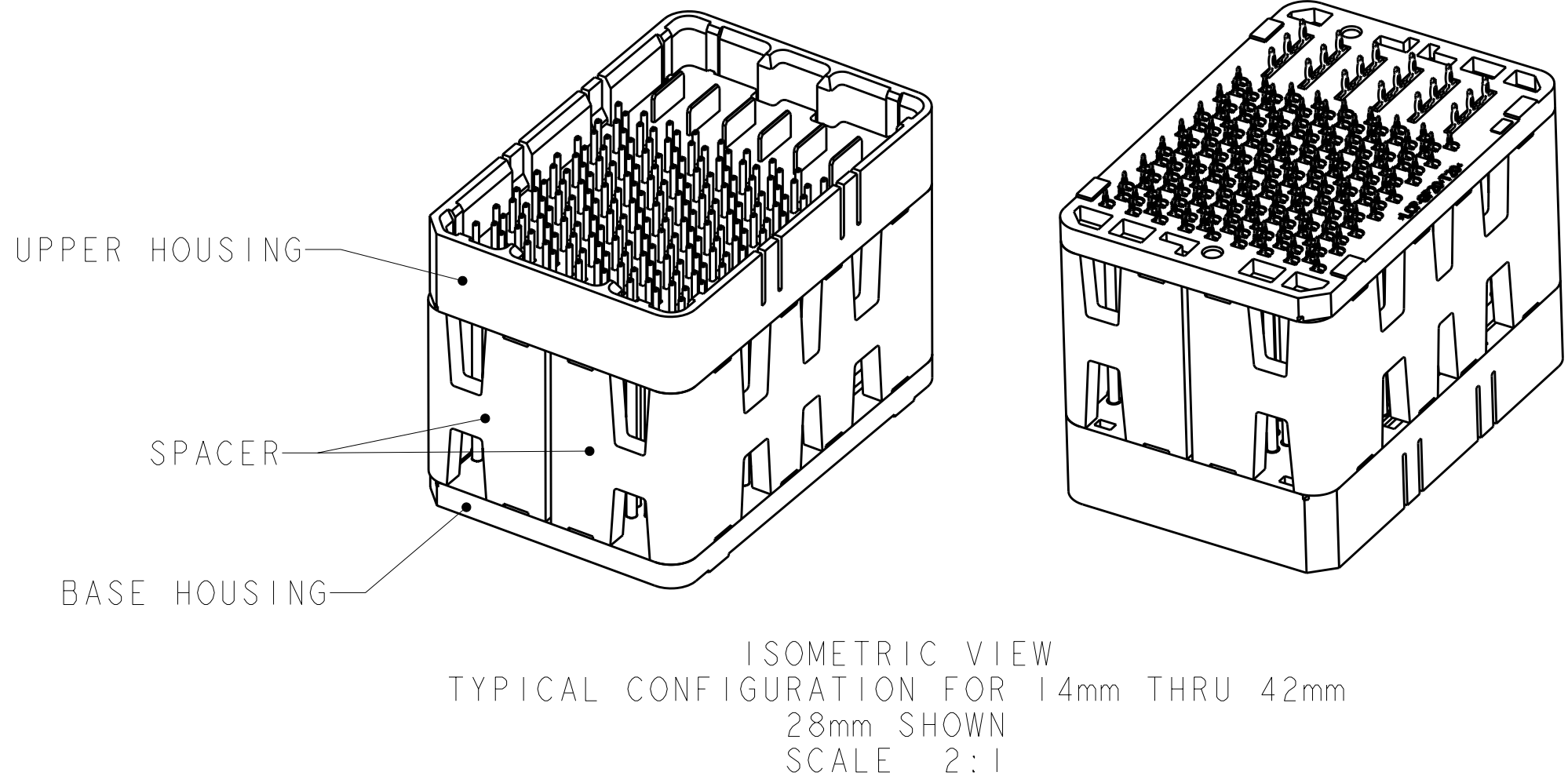
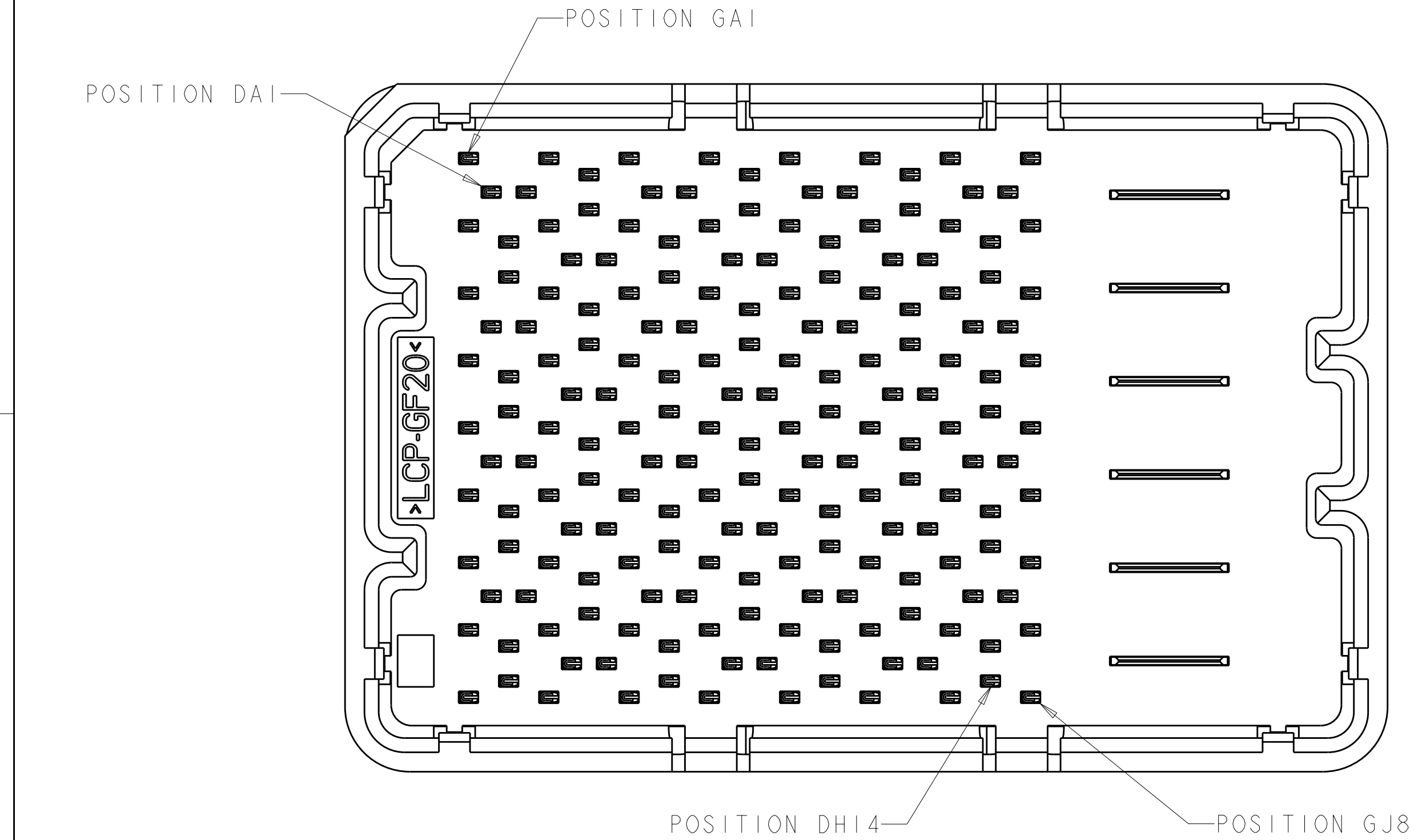




- △ MATERIAL:  
BASE HOUSING, UPPER HOUSING, ORGANIZER,  
AND SPACER: THERMOPLASTIC, FLAMMABILITY  
RATING UL94-V0  
CONTACT: COPPER ALLOY
2. CONFORMS TO THE REQUIREMENTS OF TE PRODUCT  
SPECIFICATION, 108-2375; BASED ON TELCORDIA  
GR-1217-CORE FOR SYSTEM QUALITY LEVEL III,  
APPLICATIONS IN CONTROLLED ENVIRONMENTS  
(CENTRAL OFFICE).  
SEE TE PRODUCT SPECIFICATION 108-2375 FOR  
TEST SEQUENCES.
- △ ROWS GA THRU GJ (SHOWN DARKENED) ARE TYPICALLY  
USED AS GROUNDS.
- △ SPECIFIED POSITIONAL TOLERANCE DEFINES HOLE TO  
HOLE LOCATION WITHIN HOLE PATTERN. POSITIONAL  
TOLERANCE OF HOLE PATTERN TO FIDUCIAL MARKS  
OR PCB DATUMS SHALL BE DEFINED BY CUSTOMER.
- △ AREA RESERVED FOR TE CONNECTIVITY LOGO.
- △ AREA RESERVED FOR PART NUMBER (X-XXXXXX-X)  
AND DATE CODE (YYWW).
- △ USE CENTERLINES INDICATED ON PCB HOLE PATTERN  
TO ESTABLISH ALIGNMENT BETWEEN HEADER AND  
RECEPTACLE BOARDS.
- △ PLATED THROUGH HOLE REQUIREMENTS - SIGNAL:  
HOLE SIZE PRIOR TO PLATING =  $\varnothing 0.420 \pm 0.013$   
COPPER PLATING THICKNESS =  $0.038 \pm 0.013$   
CALCULATED FINISHED HOLE SIZE =  $\varnothing 0.344 \pm 0.039$   
THESE DIMENSIONS APPLY TO THE TOP 1.25mm OF  
THE PCB THICKNESS FROM THE CONNECTOR MOUNTING  
SIDE.
- △ PLATED THROUGH HOLE REQUIREMENTS - POWER:  
HOLE SIZE PRIOR TO PLATING =  $\varnothing 0.700 \pm 0.025$   
COPPER PLATING THICKNESS =  $0.038 \pm 0.013$   
CALCULATED FINISHED HOLE SIZE =  $\varnothing 0.624 \pm 0.051$   
THESE DIMENSIONS APPLY TO THE TOP 1.50mm OF  
THE PCB THICKNESS FROM THE CONNECTOR MOUNTING  
SIDE.
- △ CONTACT SALES FOR AVAILABILITY OF THIS STACK  
HEIGHT.

**SIZE 2 HOUSING \***  
**56 DIFFERENTIAL PAIRS**  
**184 TOTAL SIGNAL CONTACTS**  
**6 POWER CONTACTS**

\* SIZE 1 AND SIZE 3 ARE ALSO AVAILABLE

THIS PRODUCT HAS NOT  
COMPLETED VALIDATION AND  
QUALIFICATION TESTING

|                                        |                                           |                                |                           |        |
|----------------------------------------|-------------------------------------------|--------------------------------|---------------------------|--------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                           | OWN<br>D. RINGLER<br>04SEP2008 | TE Connectivity           |        |
| DIMENSIONS:                            |                                           | CHK<br>D. TROUT<br>04SEP2008   |                           |        |
| mm                                     | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: | APVD<br>J. FEDDER<br>04SEP2008 | NAME                      |        |
|                                        | 3 PLC                                     | ±                              | PRODUCT SPEC              |        |
|                                        | 2 PLC                                     | ±                              | 108-2375                  |        |
|                                        | 3 PLC                                     | ±0.13                          | APPLICATION SPEC          |        |
|                                        | 4 PLC                                     | ±                              | 114-13249                 |        |
| MATERIAL                               | FINISH                                    | WEIGHT                         | SIZE CAGE CODE DRAWING NO |        |
| -                                      | -                                         | -                              | A100779C=2057460          |        |
| CUSTOMER DRAWING                       |                                           | SCALE 6:1                      | SHEET 1 OF 4              | REV 12 |



| LOC |    | DIST |     | REVISIONS   |  |  |      |     |      |
|-----|----|------|-----|-------------|--|--|------|-----|------|
| GP  | 00 | P    | LYR | DESCRIPTION |  |  | DATE | DWN | APVD |
|     |    | -    | -   | SEE SHEET 1 |  |  | -    | -   | -    |
|     |    |      |     |             |  |  |      |     |      |
|     |    |      |     |             |  |  |      |     |      |

|        |       |              |                      |             |
|--------|-------|--------------|----------------------|-------------|
|        | 41.8  | 42mm         | MATTE Sn             | 9-2057460-2 |
|        | 40.8  | 41mm         | MATTE Sn             | 9-2057460-1 |
| YES    | 39.8  | 40mm         | MATTE Sn             | 9-2057460-0 |
|        | 38.8  | 39mm         | MATTE Sn             | 8-2057460-9 |
|        | 37.8  | 38mm         | MATTE Sn             | 8-2057460-8 |
|        | 36.8  | 37mm         | MATTE Sn             | 8-2057460-7 |
|        | 35.8  | 36mm         | MATTE Sn             | 8-2057460-6 |
|        | 34.8  | 35mm         | MATTE Sn             | 8-2057460-5 |
|        | 33.8  | 34mm         | MATTE Sn             | 8-2057460-4 |
|        | 32.8  | 33mm         | MATTE Sn             | 8-2057460-3 |
|        | 31.8  | 32mm         | MATTE Sn             | 8-2057460-2 |
|        | 30.8  | 31mm         | MATTE Sn             | 8-2057460-1 |
|        | 29.8  | 30mm         | MATTE Sn             | 8-2057460-0 |
|        | 28.8  | 29mm         | MATTE Sn             | 7-2057460-9 |
| YES    | 27.8  | 28mm         | MATTE Sn             | 7-2057460-8 |
|        | 26.8  | 27mm         | MATTE Sn             | 7-2057460-7 |
|        | 25.8  | 26mm         | MATTE Sn             | 7-2057460-6 |
|        | 24.8  | 25mm         | MATTE Sn             | 7-2057460-5 |
|        | 23.8  | 24mm         | MATTE Sn             | 7-2057460-4 |
| YES    | 22.8  | 23mm         | MATTE Sn             | 7-2057460-3 |
|        | 21.8  | 22mm         | MATTE Sn             | 7-2057460-2 |
|        | 20.8  | 21mm         | MATTE Sn             | 7-2057460-1 |
|        | 19.8  | 20mm         | MATTE Sn             | 7-2057460-0 |
|        | 18.8  | 19mm         | MATTE Sn             | 6-2057460-9 |
|        | 17.8  | 18mm         | MATTE Sn             | 6-2057460-8 |
|        | 16.8  | 17mm         | MATTE Sn             | 6-2057460-7 |
|        | 15.8  | 16mm         | MATTE Sn             | 6-2057460-6 |
|        | 14.8  | 15mm         | MATTE Sn             | 6-2057460-5 |
|        | 13.8  | 14mm         | MATTE Sn             | 6-2057460-4 |
|        | 12.8  | 13mm         | MATTE Sn             | 6-2057460-3 |
|        | 11.8  | 12mm         | MATTE Sn             | 6-2057460-2 |
|        | 10.8  | 11mm         | MATTE Sn             | 6-2057460-1 |
| YES    | 9.8   | 10mm         | MATTE Sn             | 6-2057460-0 |
| YES    | 8.8   | 9mm          | MATTE Sn             | 5-2057460-9 |
| YES    | 7.8   | 8mm          | MATTE Sn             | 5-2057460-8 |
| TOOLED | DIM H | STACK HEIGHT | CONTACT TAIL PLATING | PART NUMBER |

|        |       |              |                      |             |
|--------|-------|--------------|----------------------|-------------|
|        | 41.8  | 42mm         | Sn/Pb                | 4-2057460-2 |
|        | 40.8  | 41mm         | Sn/Pb                | 4-2057460-1 |
| YES    | 39.8  | 40mm         | Sn/Pb                | 4-2057460-0 |
|        | 38.8  | 39mm         | Sn/Pb                | 3-2057460-9 |
|        | 37.8  | 38mm         | Sn/Pb                | 3-2057460-8 |
|        | 36.8  | 37mm         | Sn/Pb                | 3-2057460-7 |
|        | 35.8  | 36mm         | Sn/Pb                | 3-2057460-6 |
|        | 34.8  | 35mm         | Sn/Pb                | 3-2057460-5 |
|        | 33.8  | 34mm         | Sn/Pb                | 3-2057460-4 |
|        | 32.8  | 33mm         | Sn/Pb                | 3-2057460-3 |
|        | 31.8  | 32mm         | Sn/Pb                | 3-2057460-2 |
|        | 30.8  | 31mm         | Sn/Pb                | 3-2057460-1 |
|        | 29.8  | 30mm         | Sn/Pb                | 3-2057460-0 |
|        | 28.8  | 29mm         | Sn/Pb                | 2-2057460-9 |
| YES    | 27.8  | 28mm         | Sn/Pb                | 2-2057460-8 |
|        | 26.8  | 27mm         | Sn/Pb                | 2-2057460-7 |
|        | 25.8  | 26mm         | Sn/Pb                | 2-2057460-6 |
|        | 24.8  | 25mm         | Sn/Pb                | 2-2057460-5 |
|        | 23.8  | 24mm         | Sn/Pb                | 2-2057460-4 |
| YES    | 22.8  | 23mm         | Sn/Pb                | 2-2057460-3 |
|        | 21.8  | 22mm         | Sn/Pb                | 2-2057460-2 |
|        | 20.8  | 21mm         | Sn/Pb                | 2-2057460-1 |
|        | 19.8  | 20mm         | Sn/Pb                | 2-2057460-0 |
|        | 18.8  | 19mm         | Sn/Pb                | 1-2057460-9 |
|        | 17.8  | 18mm         | Sn/Pb                | 1-2057460-8 |
|        | 16.8  | 17mm         | Sn/Pb                | 1-2057460-7 |
|        | 15.8  | 16mm         | Sn/Pb                | 1-2057460-6 |
|        | 14.8  | 15mm         | Sn/Pb                | 1-2057460-5 |
|        | 13.8  | 14mm         | Sn/Pb                | 1-2057460-4 |
|        | 12.8  | 13mm         | Sn/Pb                | 1-2057460-3 |
|        | 11.8  | 12mm         | Sn/Pb                | 1-2057460-2 |
|        | 10.8  | 11mm         | Sn/Pb                | 1-2057460-1 |
| YES    | 9.8   | 10mm         | Sn/Pb                | 1-2057340-0 |
| YES    | 8.8   | 9mm          | Sn/Pb                | 2057460-9   |
| YES    | 7.8   | 8mm          | Sn/Pb                | 2057460-8   |
| TOOLED | DIM H | STACK HEIGHT | CONTACT TAIL PLATING | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

9 PLC ±

1 PLC ±0.13

3 PLC ±0.013

4 PLC ±

ANGLES ±#1

FINISH -

DWN 04SEP2008

CHK D.TROUT 04SEP2008

APVD J.FEDDER 04SEP2008

PRODUCT SPEC

108-2375

APPLICATION SPEC

114-13249

WEIGHT -

CUSTOMER DRAWING

NAME

TE Connectivity

HEADER ASSEMBLY

56/184/6P

STRADA MESA MEZZANINE CONNECTOR

SIZE 100779

CAGE CODE

DRAWING NO

RESTRICTED TO

SCALE 6:1

SHEET 2 OF 4

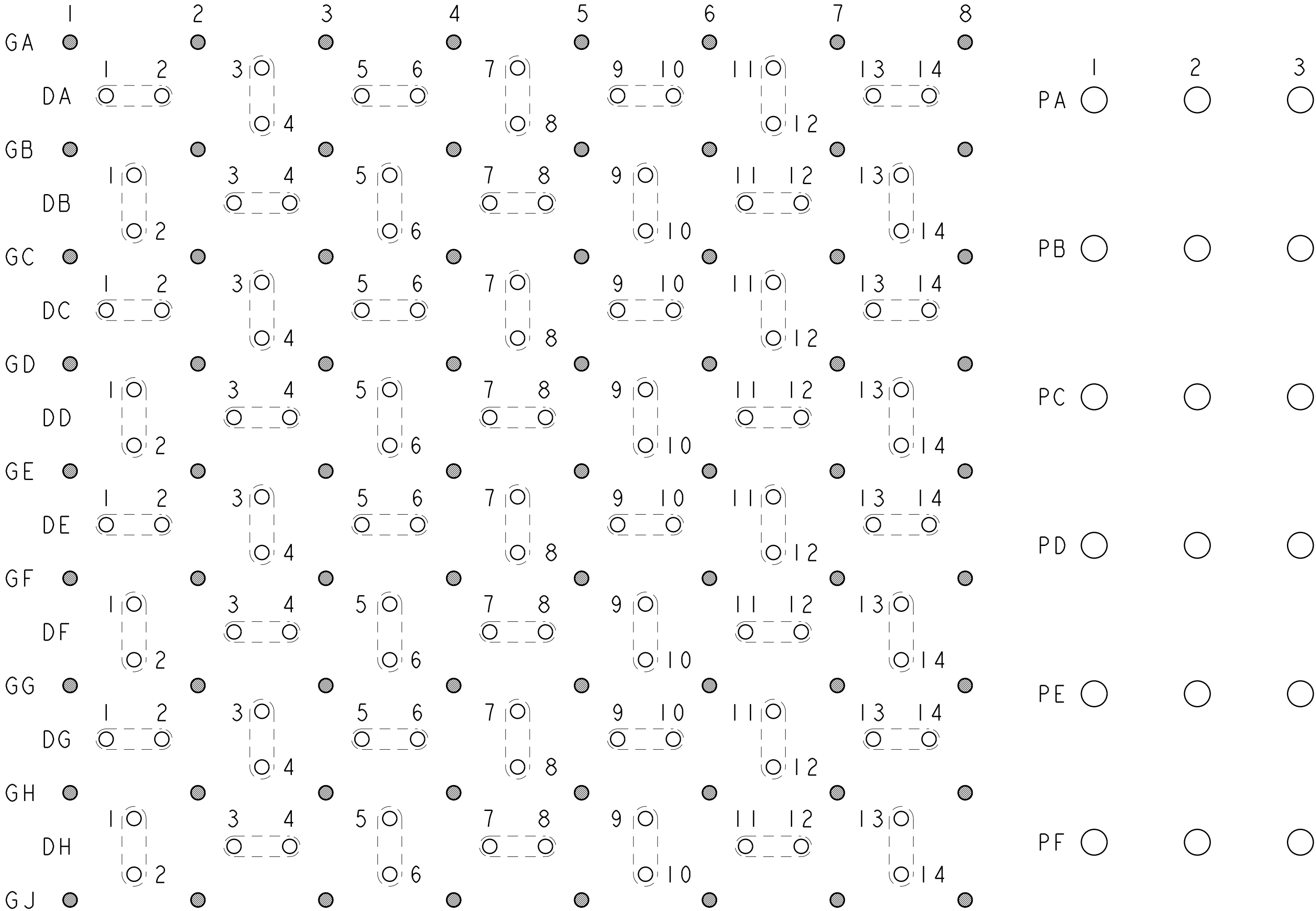
REV 12

©=2057460



| LOC |  | DIST |  | REVISIONS |     |             |      |     |      |
|-----|--|------|--|-----------|-----|-------------|------|-----|------|
| GP  |  | 00   |  | REV       | LYR | DESCRIPTION | DATE | DWN | APVD |
|     |  |      |  | -         | -   | SEE SHEET 1 | -    | -   | -    |
|     |  |      |  |           |     |             |      |     |      |
|     |  |      |  |           |     |             |      |     |      |
|     |  |      |  |           |     |             |      |     |      |

AI CORNER INDICATORS.



PCB LAYOUT AND PIN IDENTIFICATION   
SHOWN FROM CONNECTOR SIDE  
SCALE 12:1

MATED CONNECTOR OUTLINE  
SEE SHEET 4 FOR LOCATION TO HOLES

|                                                                                       |  |                                        |  |                  |                      |         |                                                                                                       |                                                                |  |            |  |               |  |        |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------|--|------------------|----------------------|---------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|--|------------|--|---------------|--|--------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |                                        |  | DWN              | D. RINGLER 04SEP2008 |         |  TE Connectivity |                                                                |  |            |  |               |  |        |  |
|                                                                                       |  |                                        |  | CHK              | D. TROUT 04SEP2008   |         |                                                                                                       |                                                                |  |            |  |               |  |        |  |
|                                                                                       |  |                                        |  | APVD             | J. FEDDER 04SEP2008  |         |                                                                                                       |                                                                |  |            |  |               |  |        |  |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | PRODUCT SPEC     |                      | NAME    |                                                                                                       | HEADER ASSEMBLY<br>56184/6P<br>STRADA MESA MEZZANINE CONNECTOR |  |            |  |               |  |        |  |
| mm                                                                                    |  | 9 PLG ±                                |  | 108-2375         |                      |         |                                                                                                       |                                                                |  |            |  |               |  |        |  |
|  |  | 2 PLG ±0.13                            |  | APPLICATION SPEC |                      |         |                                                                                                       |                                                                |  |            |  |               |  |        |  |
|                                                                                       |  | 3 PLG ±0.013                           |  | 114-13249        |                      | SIZE    |                                                                                                       | CAGE CODE                                                      |  | DRAWING NO |  | RESTRICTED TO |  |        |  |
|                                                                                       |  | 4 PLG ±                                |  | WEIGHT           |                      | A100779 |                                                                                                       | C-2057460                                                      |  |            |  |               |  |        |  |
| MATERIAL                                                                              |  | FINISH                                 |  | CUSTOMER DRAWING |                      |         |                                                                                                       | SCALE                                                          |  | 6:1        |  | SHEET 3 of 4  |  | REV 12 |  |
| -                                                                                     |  | -                                      |  |                  |                      |         |                                                                                                       |                                                                |  |            |  |               |  |        |  |





|                                                                                       |                                                                         |                                                                |           |                      |               |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------|-----------|----------------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                                                         | DWN<br>D. RINGLER                                              | 04SEP2008 |                      |               |
|                                                                                       |                                                                         | CHK<br>D. TROUT                                                | 04SEP2008 |                      |               |
| DIMENSIONS:                                                                           |                                                                         | APVD<br>J. EDDER                                               | 04SEP2008 | NAME                 |               |
| mm                                                                                    | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                  | TE CONNECTIVITY                                                |           |                      |               |
|  | Ø PLC ±<br>PLC ±<br>2 PLC ±0.13<br>3 PLC ±0.013<br>Ø PLC ±<br>ANGLES ±° | HEADER ASSEMBLY<br>56184/6P<br>STRADA MESA MEZZANINE CONNECTOR |           |                      |               |
| MATERIAL                                                                              | FINISH                                                                  | PRODUCT SPEC<br>108-2375<br>APPLICATION SPEC<br>114-13249      |           | SIZE                 | RESTRICTED TO |
| -                                                                                     | -                                                                       | WEIGHT                                                         |           | CAGE CODE DRAWING NO |               |
|                                                                                       |                                                                         | A100779                                                        |           | G=2057460            | -             |
| CUSTOMER DRAWING                                                                      |                                                                         |                                                                |           | SCALE                | SHEET OF REV  |
|                                                                                       |                                                                         |                                                                |           | 6:1                  | 4 OF 12       |

## 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:

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Факс: +7 495 668-12-70 (доб.304)

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

Skype отдела продаж:

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