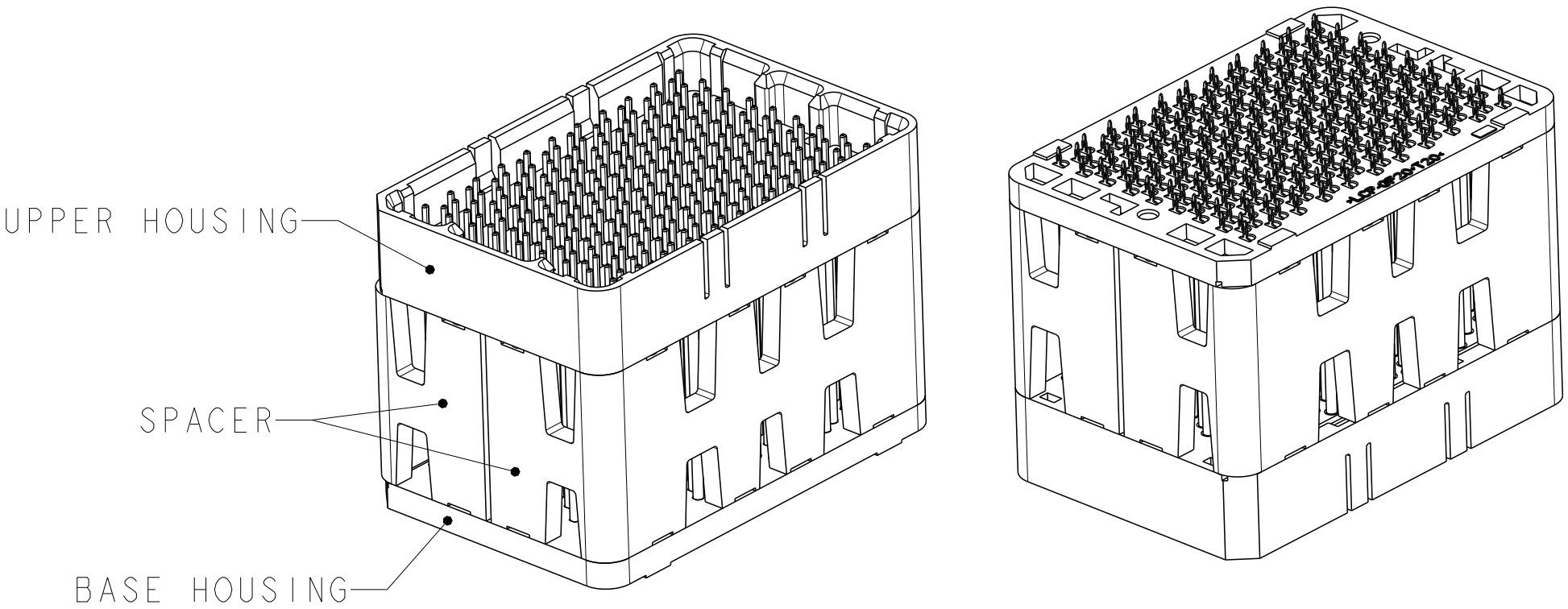
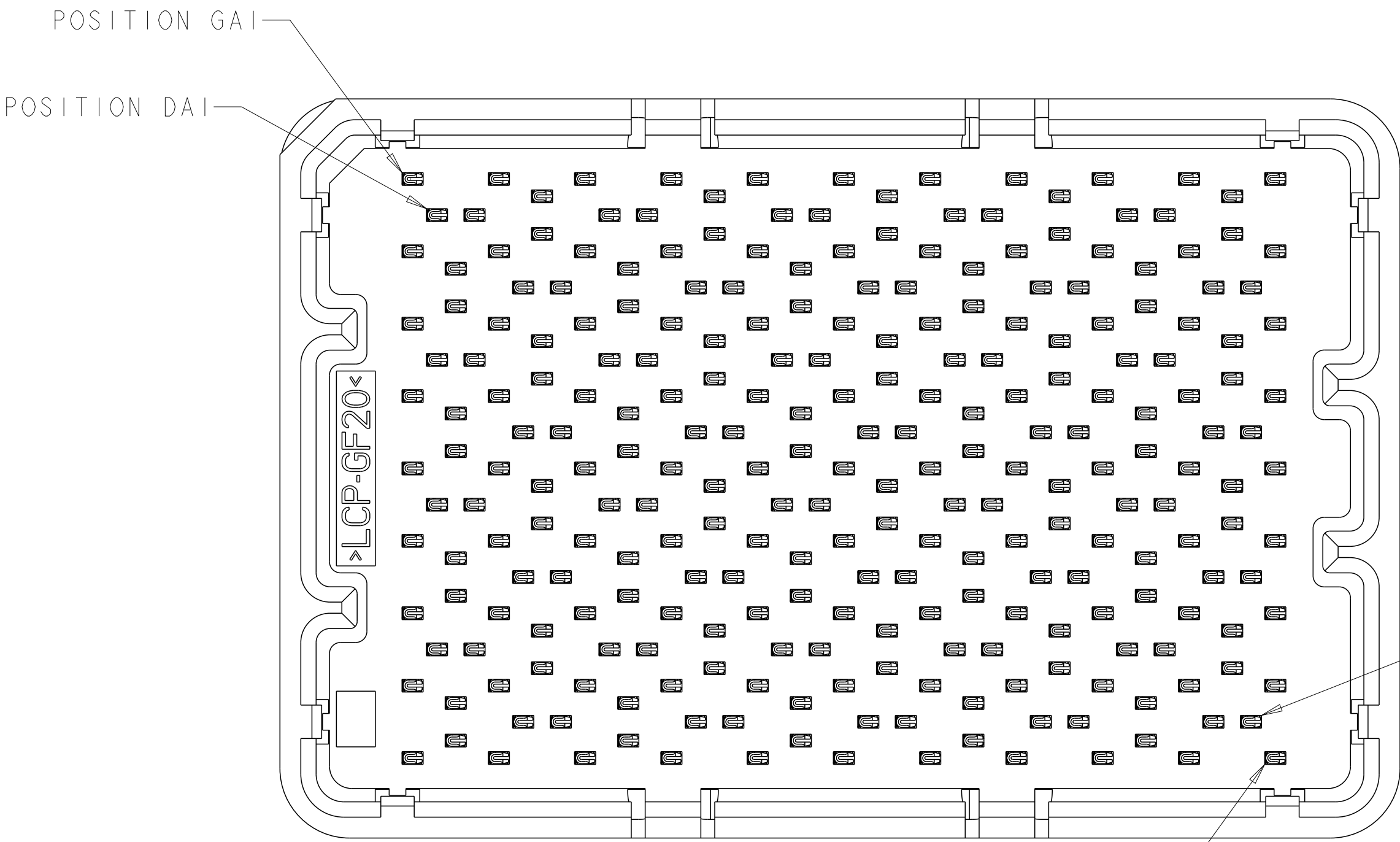
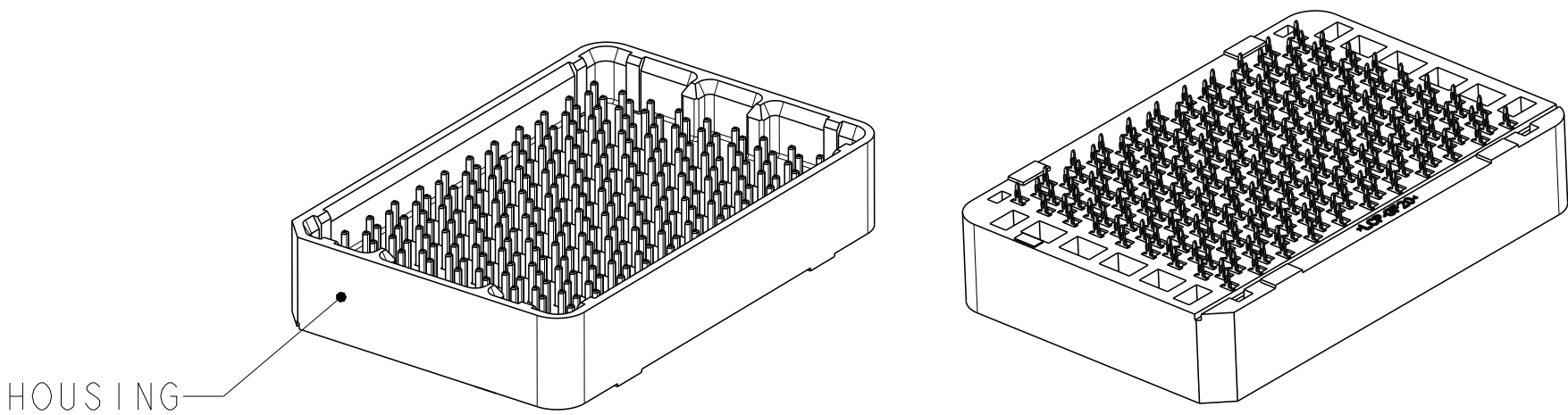


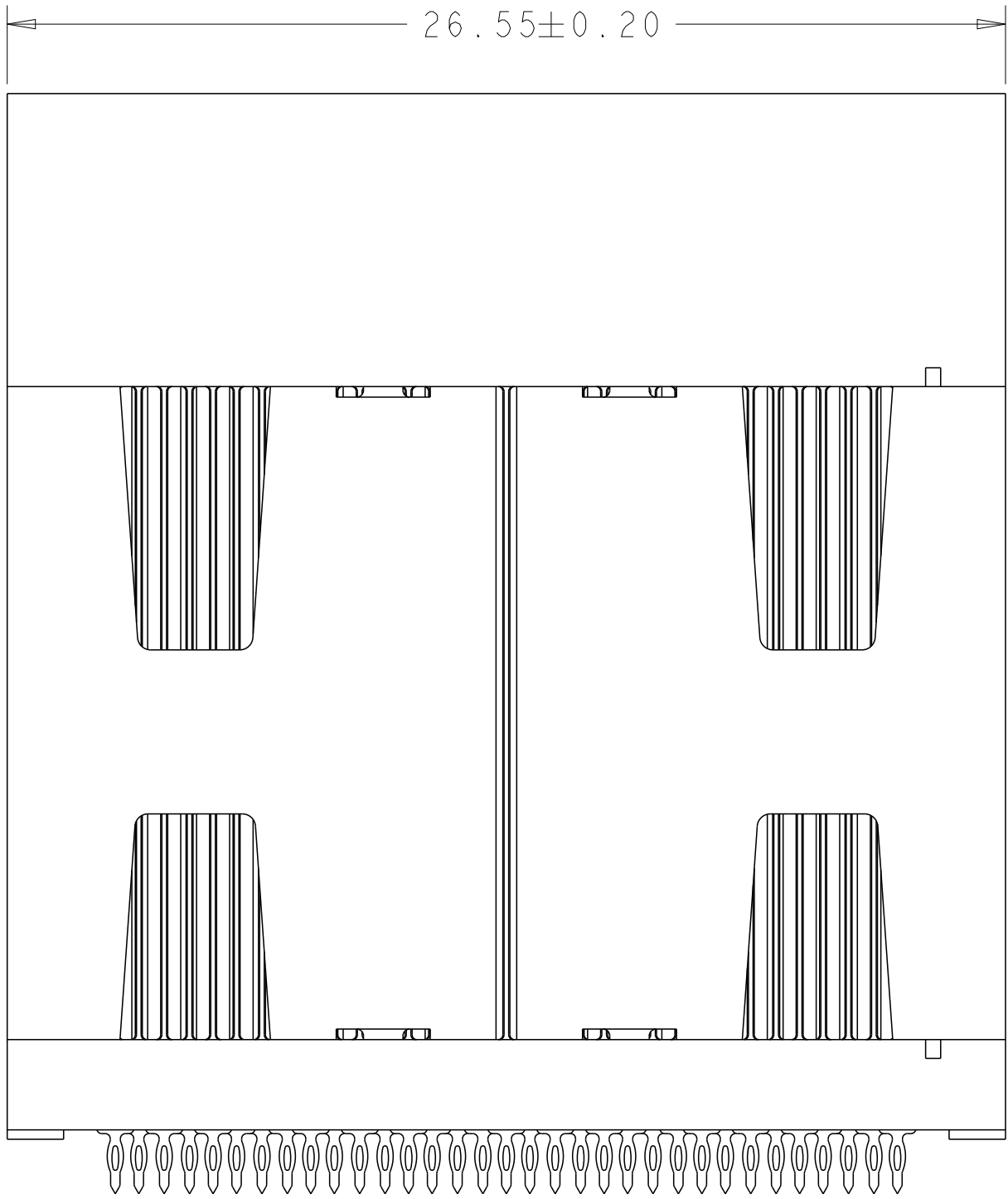
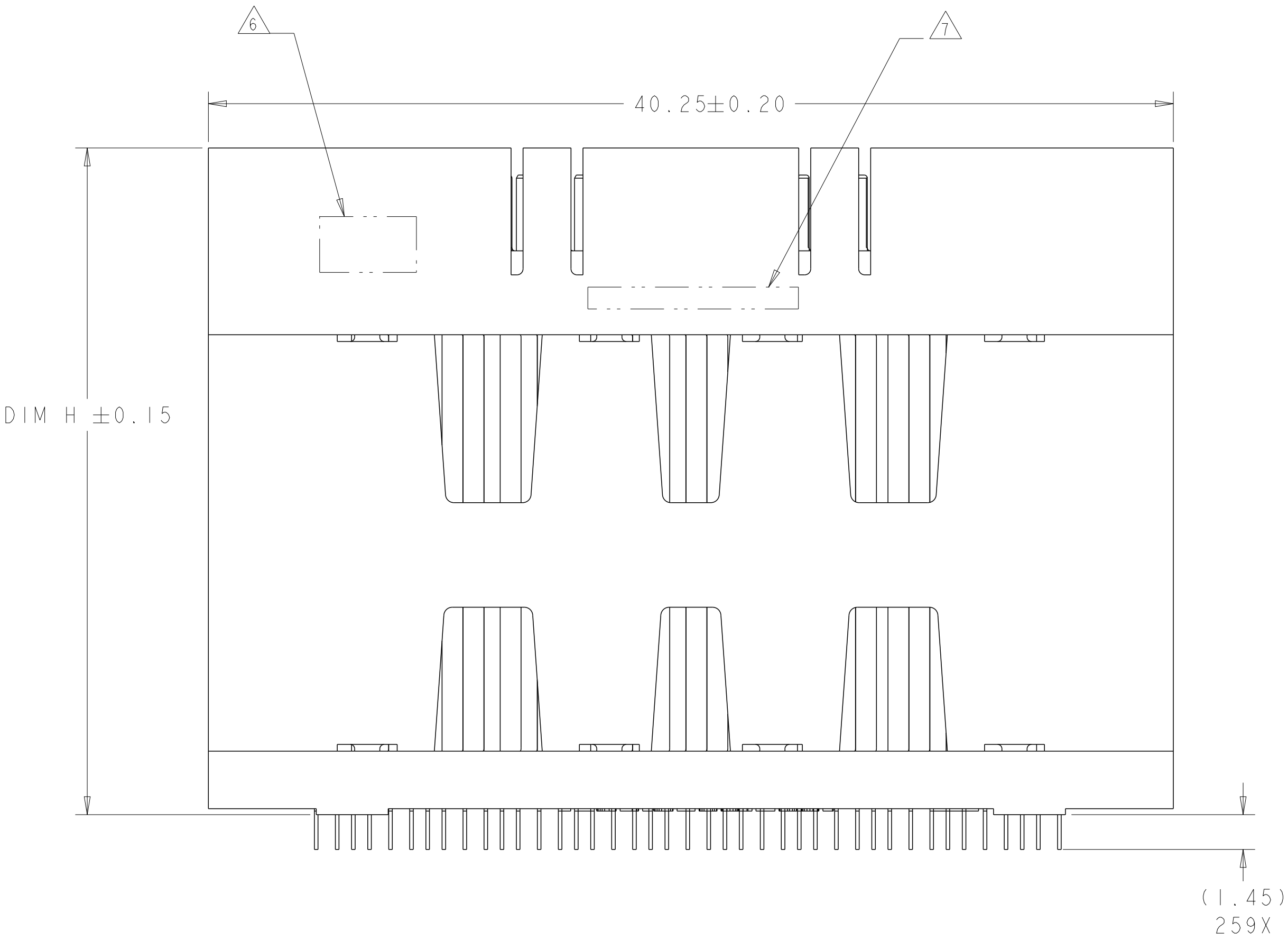
| LOC | DIST | REVISIONS |     |                           |           |     |      |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
|     |      | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
| GP  | 00   |           | A   | REVISED PER ECO-12-018201 | 17OCT2012 | KH  | MH   |
|     |      |           |     |                           |           |     |      |
|     |      |           |     |                           |           |     |      |
|     |      |           |     |                           |           |     |      |



ISOMETRIC VIEW  
TYPICAL CONFIGURATION FOR 14mm THRU 42mm  
28mm SHOWN  
SCALE 2:1



ISOMETRIC VIEW  
TYPICAL CONFIGURATION FOR 8mm THRU 13mm  
8mm SHOWN  
SCALE 2:1



- 1 MATERIAL:  
BASE HOUSING, UPPER HOUSING, ORGANIZER,  
AND SPACER: THERMOPLASTIC, FLAMMABILITY  
RATING UL94-V0  
CONTACT: COPPER ALLOY
- 2 CONTACT PLATING: 0.076µm MIN GOLD OVER 0.69µm  
MIN PALLADIUM NICKEL, OVER 2.54-5.08µm NICKEL  
ON MATING AREA. 0.50-2.54µm 93/7 TIN-LEAD,  
OVER 1.27-5.08µm NICKEL ON TAIL AREA.  
PORE BLOCKER APPLIED TO MATING AREA.
- 3 CONTACT PLATING: 0.076µm MIN GOLD OVER 0.69µm  
MIN PALLADIUM NICKEL, OVER 2.54-5.08µm NICKEL  
ON MATING AREA. 0.50-2.54µm MATTE TIN,  
OVER 1.27-5.08µm NICKEL ON TAIL AREA.  
PORE BLOCKER APPLIED TO MATING AREA.
- 4 ROWS GA THRU GJ (SHOWN DARKENED) ARE TYPICALLY  
USED AS GROUNDS.
- 5 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.
- 6 AREA RESERVED FOR TE CONNECTIVITY LOGO.
- 7 AREA RESERVED FOR PART NUMBER (X-XXXXXX-X)  
AND DATE CODE (YYWW).
- 8 USE CENTERLINES INDICATED ON PCB HOLE PATTERN  
TO ESTABLISH ALIGNMENT BETWEEN HEADER AND  
RECEPTACLE BOARDS.
- 9 PLATED THROUGH HOLE REQUIREMENTS:  
HOLE SIZE PRIOR TO PLATING = Ø0.420±0.013  
COPPER PLATING THICKNESS = 0.038±0.013  
CALCULATED FINISHED HOLE SIZE = Ø0.344±0.039  
THESE DIMENSIONS APPLY TO THE TOP 1.25mm OF  
THE PCB THICKNESS FROM THE CONNECTOR MOUNTING  
SIDE.
- 10 CONTACT SALES FOR AVAILABILITY OF THIS STACK  
HEIGHT.

SIZE 2 HOUSING \*  
80 DIFFERENTIAL PAIRS  
259 TOTAL SIGNAL CONTACTS

\* SIZE 1 AND SIZE 3 ARE ALSO AVAILABLE

|                                                                                                       |                                                                                       |                                                                                         |                                                                                                       |                                                                     |       |                             |                     |                    |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------|-----------------------------|---------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                |                                                                                       | DWN<br>D. RINGLER 29AUG2008                                                             |  TE Connectivity |                                                                     |       |                             |                     |                    |
|                                                                                                       |                                                                                       | CHK<br>D. TROUT 29AUG2008                                                               |                                                                                                       |                                                                     |       |                             |                     |                    |
| DIMENSIONS:<br><br>mm                                                                                 |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                               | NAME                                                                                                  | HEADER ASSEMBLY<br>80/259 SIGNAL<br>STRADA MESA MEZZANINE CONNECTOR |       |                             |                     |                    |
|                                                                                                       |                                                                                       | 0 PLC ±<br>1 PLC ±.13<br>2 PLC ±0.13<br>3 PLC ±0.013<br>4 PLC ±<br>ANGLES ±<br>FINISH - |                                                                                                       |                                                                     |       | APVD<br>J. FEDDER 29AUG2008 |                     |                    |
| MATERIAL<br><br> |                                                                                       | PRODUCT SPEC<br>108-2375<br>APPLICATION SPEC<br>114-13249<br>WEIGHT -                   | SIZE<br>A100779                                                                                       |                                                                     |       | CAGE CODE<br>C=2057360      | DRAWING NO<br>REV A | RESTRICTED TO<br>- |
|                                                                                                       |                                                                                       | Customer Drawing                                                                        |                                                                                                       |                                                                     |       |                             |                     |                    |
|                                                                                                       |                                                                                       |                                                                                         | SCALE 6:1                                                                                             | SHEET 1 OF 4                                                        | REV A |                             |                     |                    |



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

|        |        |       |              |                      |             |
|--------|--------|-------|--------------|----------------------|-------------|
|        |        | 41.8  | 42mm         | MATTE Sn             | 9-2057360-2 |
|        |        | 40.8  | 41mm         | MATTE Sn             | 9-2057360-1 |
|        | YES    | 39.8  | 40mm         | MATTE Sn             | 9-2057360-0 |
|        |        | 38.8  | 39mm         | MATTE Sn             | 8-2057360-9 |
|        |        | 37.8  | 38mm         | MATTE Sn             | 8-2057360-8 |
|        |        | 36.8  | 37mm         | MATTE Sn             | 8-2057360-7 |
|        |        | 35.8  | 36mm         | MATTE Sn             | 8-2057360-6 |
|        |        | 34.8  | 35mm         | MATTE Sn             | 8-2057360-5 |
|        |        | 33.8  | 34mm         | MATTE Sn             | 8-2057360-4 |
|        |        | 32.8  | 33mm         | MATTE Sn             | 8-2057360-3 |
|        |        | 31.8  | 32mm         | MATTE Sn             | 8-2057360-2 |
|        |        | 30.8  | 31mm         | MATTE Sn             | 8-2057360-1 |
|        |        | 29.8  | 30mm         | MATTE Sn             | 8-2057360-0 |
|        |        | 28.8  | 29mm         | MATTE Sn             | 7-2057360-9 |
|        | YES    | 27.8  | 28mm         | MATTE Sn             | 7-2057360-8 |
|        |        | 26.8  | 27mm         | MATTE Sn             | 7-2057360-7 |
|        |        | 25.8  | 26mm         | MATTE Sn             | 7-2057360-6 |
|        |        | 24.8  | 25mm         | MATTE Sn             | 7-2057360-5 |
|        |        | 23.8  | 24mm         | MATTE Sn             | 7-2057360-4 |
|        | YES    | 22.8  | 23mm         | MATTE Sn             | 7-2057360-3 |
|        |        | 21.8  | 22mm         | MATTE Sn             | 7-2057360-2 |
|        |        | 20.8  | 21mm         | MATTE Sn             | 7-2057360-1 |
|        |        | 19.8  | 20mm         | MATTE Sn             | 7-2057360-0 |
|        |        | 18.8  | 19mm         | MATTE Sn             | 6-2057360-9 |
|        |        | 17.8  | 18mm         | MATTE Sn             | 6-2057360-8 |
|        |        | 16.8  | 17mm         | MATTE Sn             | 6-2057360-7 |
|        |        | 15.8  | 16mm         | MATTE Sn             | 6-2057360-6 |
|        |        | 14.8  | 15mm         | MATTE Sn             | 6-2057360-5 |
|        |        | 13.8  | 14mm         | MATTE Sn             | 6-2057360-4 |
|        |        | 12.8  | 13mm         | MATTE Sn             | 6-2057360-3 |
|        |        | 11.8  | 12mm         | MATTE Sn             | 6-2057360-2 |
|        |        | 10.8  | 11mm         | MATTE Sn             | 6-2057360-1 |
|        |        | 9.8   | 10mm         | MATTE Sn             | 6-2057360-0 |
|        | YES    | 8.8   | 9mm          | MATTE Sn             | 5-2057360-9 |
|        |        | 7.8   | 8mm          | MATTE Sn             | 5-2057360-8 |
| FINISH | TOOLED | DIM H | STACK HEIGHT | CONTACT TAIL PLATING | PART NUMBER |

|        |        |       |              |                      |             |
|--------|--------|-------|--------------|----------------------|-------------|
|        |        | 41.8  | 42mm         | Sn/Pb                | 4-2057360-2 |
|        |        | 40.8  | 41mm         | Sn/Pb                | 4-2057360-1 |
|        | YES    | 39.8  | 40mm         | Sn/Pb                | 4-2057360-0 |
|        |        | 38.8  | 39mm         | Sn/Pb                | 3-2057360-9 |
|        |        | 37.8  | 38mm         | Sn/Pb                | 3-2057360-8 |
|        |        | 36.8  | 37mm         | Sn/Pb                | 3-2057360-7 |
|        |        | 35.8  | 36mm         | Sn/Pb                | 3-2057360-6 |
|        |        | 34.8  | 35mm         | Sn/Pb                | 3-2057360-5 |
|        |        | 33.8  | 34mm         | Sn/Pb                | 3-2057360-4 |
|        |        | 32.8  | 33mm         | Sn/Pb                | 3-2057360-3 |
|        |        | 31.8  | 32mm         | Sn/Pb                | 3-2057360-2 |
|        |        | 30.8  | 31mm         | Sn/Pb                | 3-2057360-1 |
|        |        | 29.8  | 30mm         | Sn/Pb                | 3-2057360-0 |
|        |        | 28.8  | 29mm         | Sn/Pb                | 2-2057360-9 |
|        | YES    | 27.8  | 28mm         | Sn/Pb                | 2-2057360-8 |
|        |        | 26.8  | 27mm         | Sn/Pb                | 2-2057360-7 |
|        |        | 25.8  | 26mm         | Sn/Pb                | 2-2057360-6 |
|        |        | 24.8  | 25mm         | Sn/Pb                | 2-2057360-5 |
|        |        | 23.8  | 24mm         | Sn/Pb                | 2-2057360-4 |
|        | YES    | 22.8  | 23mm         | Sn/Pb                | 2-2057360-3 |
|        |        | 21.8  | 22mm         | Sn/Pb                | 2-2057360-2 |
|        |        | 20.8  | 21mm         | Sn/Pb                | 2-2057360-1 |
|        |        | 19.8  | 20mm         | Sn/Pb                | 2-2057360-0 |
|        |        | 18.8  | 19mm         | Sn/Pb                | 1-2057360-9 |
|        |        | 17.8  | 18mm         | Sn/Pb                | 1-2057360-8 |
|        |        | 16.8  | 17mm         | Sn/Pb                | 1-2057360-7 |
|        |        | 15.8  | 16mm         | Sn/Pb                | 1-2057360-6 |
|        |        | 14.8  | 15mm         | Sn/Pb                | 1-2057360-5 |
|        |        | 13.8  | 14mm         | Sn/Pb                | 1-2057360-4 |
|        |        | 12.8  | 13mm         | Sn/Pb                | 1-2057360-3 |
|        |        | 11.8  | 12mm         | Sn/Pb                | 1-2057360-2 |
|        |        | 10.8  | 11mm         | Sn/Pb                | 1-2057360-1 |
|        |        | 9.8   | 10mm         | Sn/Pb                | 1-2057360-0 |
|        | YES    | 8.8   | 9mm          | Sn/Pb                | 2057360-9   |
|        |        | 7.8   | 8mm          | Sn/Pb                | 2057360-8   |
| FINISH | TOOLED | DIM H | STACK HEIGHT | CONTACT TAIL PLATING | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

CHK

D. RINGLER

29AUG2008

CHK

D. TROUT

29AUG2008

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC

±"

1 PLC

±.13

2 PLC

±.013

3 PLC

±.013

4 PLC

±"

ANGLES

±1

FINISH

-

MATERIAL

-

WEIGHT

-

Customer Drawing

DWN

D. RINGLER

29AUG2008

APVD

J. FEDDER

29AUG2008

PRODUCT SPEC

108-2375

APPLICATION SPEC

114-13249

SIZE

CAGE CODE

DRAWING NO

100779

©=2057360

RESTRICTED TO

-

TE Connectivity

NAME

HEADER ASSEMBLY

80/259 SIGNAL

STRADA MESA MEZZANINE CONNECTOR

SCALE

6:1

SHEET

2

OF

4

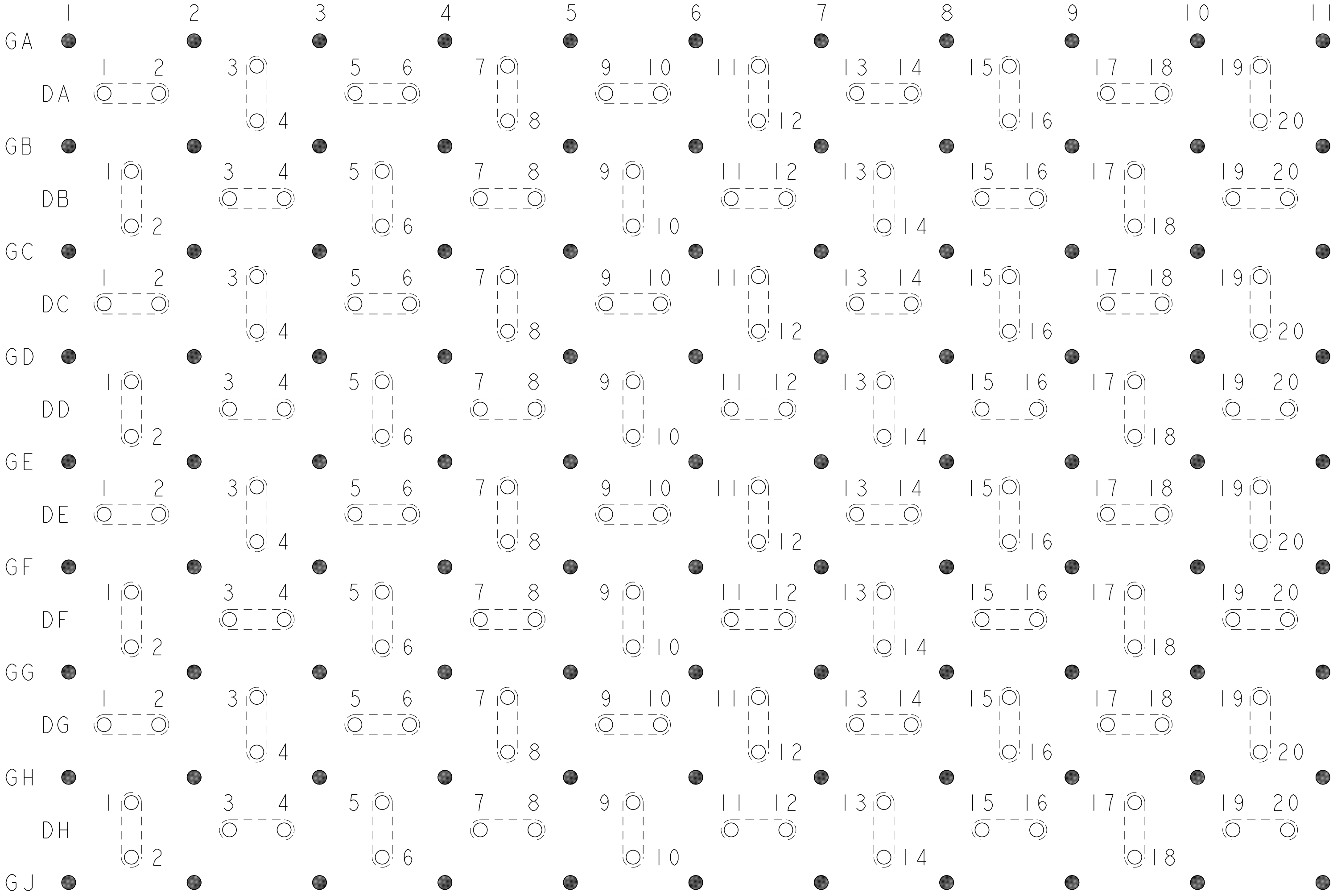
REV

A



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

A1 CORNER INDICATORS.

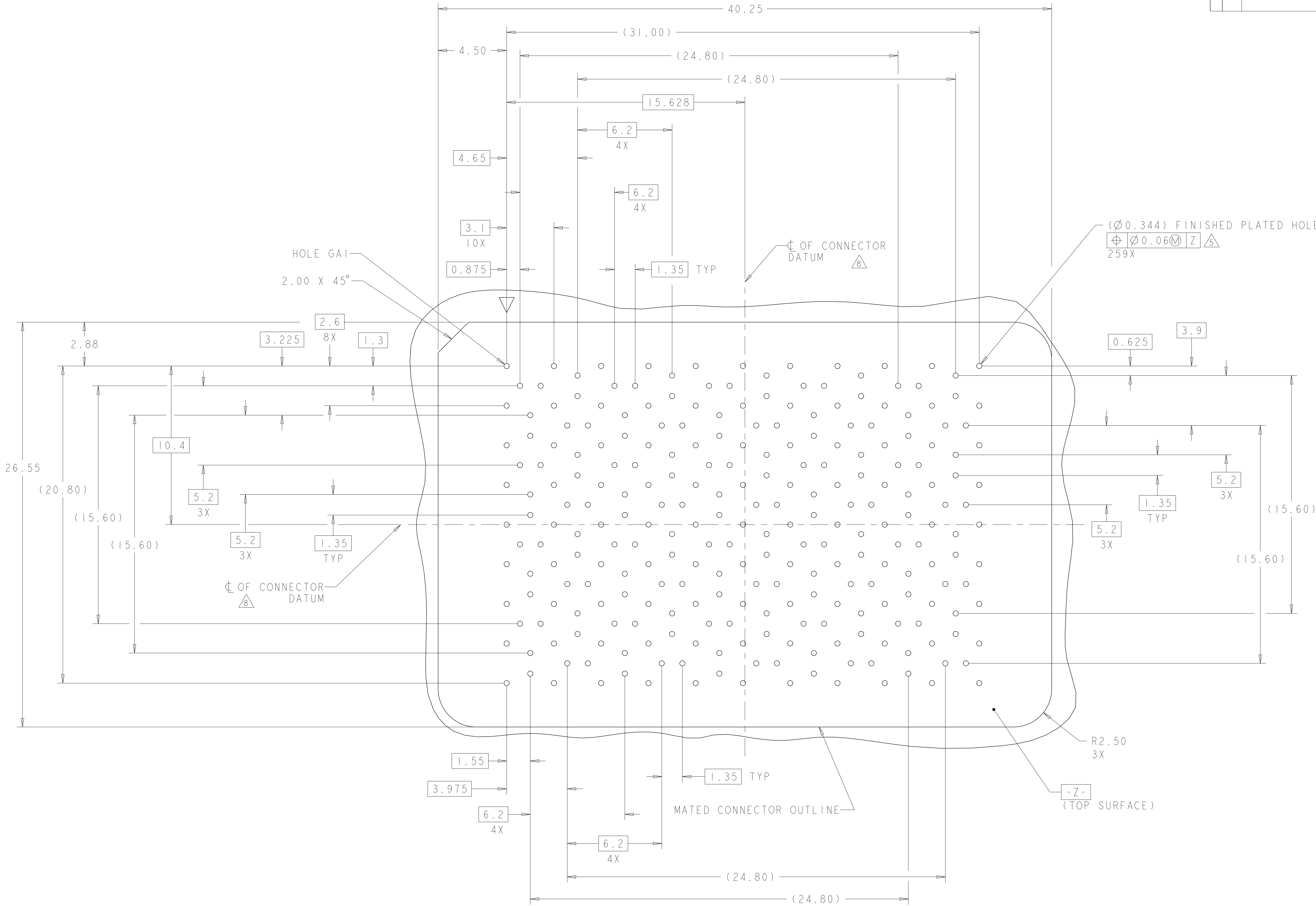


PCB LAYOUT AND PIN IDENTIFICATION   
SHOWN FROM CONNECTOR SIDE  
SCALE 12:1

|                                                                                       |  |                                        |  |                  |            |           |                                                                                                       |  |                                 |               |
|---------------------------------------------------------------------------------------|--|----------------------------------------|--|------------------|------------|-----------|-------------------------------------------------------------------------------------------------------|--|---------------------------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |                                        |  | DWN              | D. RINGLER | 29AUG2008 |  TE Connectivity |  |                                 |               |
|                                                                                       |  |                                        |  | CHK              | D. TROUT   | 29AUG2008 |                                                                                                       |  |                                 |               |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | APVD             | J. FEDDER  | 29AUG2008 | NAME                                                                                                  |  | HEADER ASSEMBLY                 |               |
| mm                                                                                    |  | 0 PLC ±"                               |  | PRODUCT SPEC     |            |           | 80/259 SIGNAL                                                                                         |  | STRADA MESA MEZZANINE CONNECTOR |               |
|  |  | 1 PLC ±"                               |  | 108-2375         |            |           |                                                                                                       |  |                                 |               |
|                                                                                       |  | 2 PLC ±0.13                            |  | APPLICATION SPEC |            |           |                                                                                                       |  |                                 |               |
|                                                                                       |  | 3 PLC ±0.013                           |  | 114-13249        |            |           | SIZE                                                                                                  |  | CAGE CODE                       | DRAWING NO    |
|                                                                                       |  | 4 PLC ±"                               |  | -                |            |           | A1                                                                                                    |  | 00779                           | C=2057360     |
| MATERIAL                                                                              |  | ANGLES                                 |  | WEIGHT           |            |           |                                                                                                       |  |                                 | RESTRICTED TO |
| -                                                                                     |  | FINISH                                 |  | -                |            |           |                                                                                                       |  |                                 | -             |
|                                                                                       |  |                                        |  | Customer Drawing |            |           | SCALE                                                                                                 |  | 6:1                             | SHEET 3 OF 4  |
|                                                                                       |  |                                        |  |                  |            |           |                                                                                                       |  |                                 | REV A         |



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



PCB HOLE PATTERN  
SHOWN FROM CONNECTOR SIDE  
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
D. RINGLER  
29AUG2008

CHK  
D. TROUT  
29AUG2008

APVD  
J. FEDDER  
29AUG2008

NAME  
HEADER ASSEMBLY  
80/259 SIGNAL  
STRADA MESA MEZZANINE CONNECTOR

DIMENSIONS:  
mm

0 PLC  
1 PLC  
2 PLC  
3 PLC  
4 PLC  
ANGLES  
FINISH

±  
±  
±0.13  
±0.013  
±  
±1

-  
-  
-  
-  
-  
-  
-

MATERIAL  
-

Customer Drawing

PRODUCT SPEC  
108-2375

APPLICATION SPEC  
114-13249

WEIGHT  
-

SCALE  
6:1

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
2057360

SHEET  
4

OF  
4

REV  
A

RESTRICTED TO  
-

REV  
A

TE Connectivity

4805 (3/11)

## Данный компонент на территории Российской Федерации

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

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