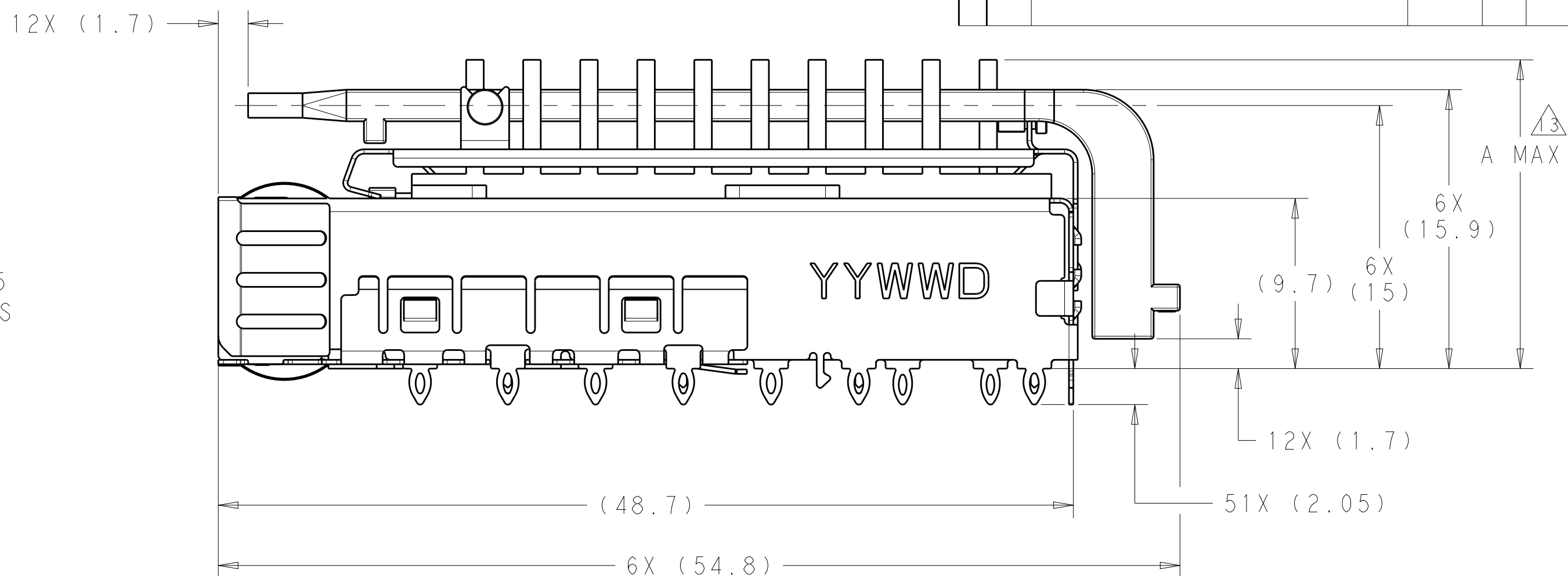




4. PADS AND VIAS CHASSIS GROUND.

5. INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994.

6. MINIMUM PC BOARD THICKNESS:  
SINGLE SIDED = 1.50mm  
DOUBLE SIDED = 2.25mm

⑦ HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.

⑧ DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

⑨ REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

△ REFERENCE APPLICATION SPEC. 114-13120, HOLE B, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

11. CERTAIN MATING TRANCEIVERS MAY REQUIRE ADDITIONAL PCB THICKNESS THAT WOULD BE DETERMINED BY THE CUSTOMER.

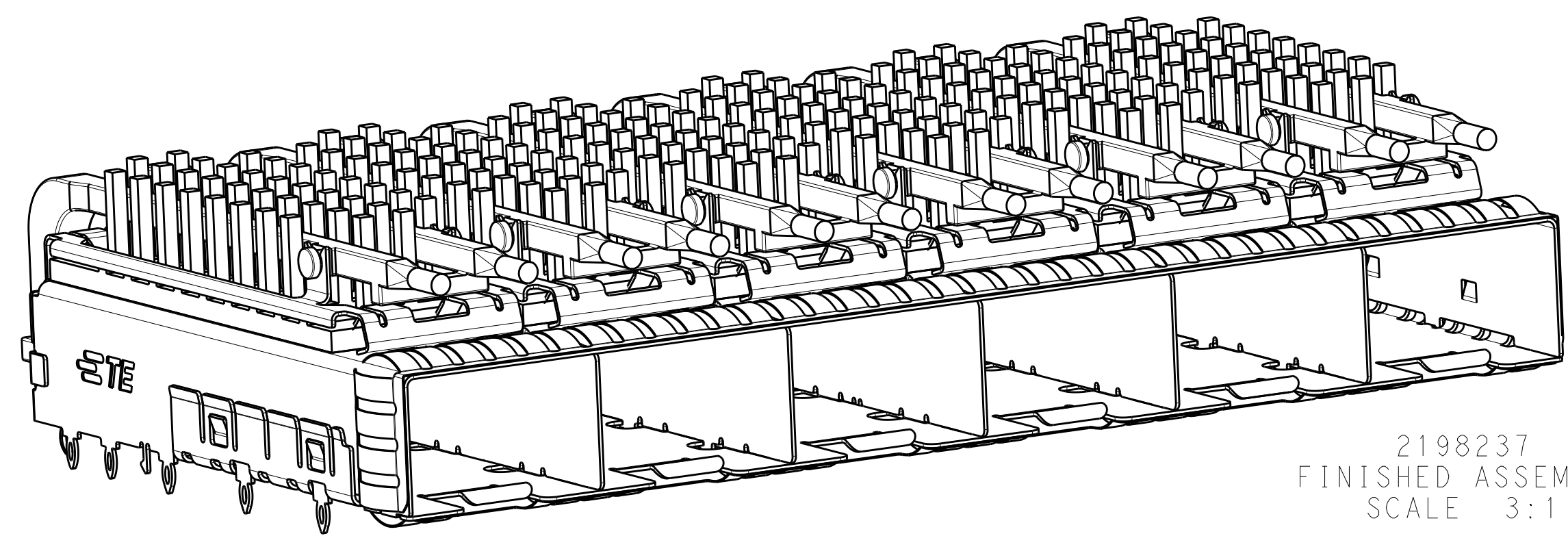
12. PRODUCT COMPLIES WITH SPECIFICATION SFF-8433 IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES.

 DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE.

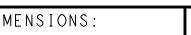
4 HEATSINK, HEATSINK CLIP, AND LIGHTPIPE SHIPPED UNASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY TO BE PRESSED INTO PCB PRIOR TO ATTACHING HEATSINK, HEATSINK CLIP, AND LIGHTPIPE TO THE CAGE ASSEMBLY.

△5 PACKAGED AS A COMPLETE ASSEMBLY.

|    |       |                   |                |
|----|-------|-------------------|----------------|
| 15 | 22.5  | NETWORKING, TALL  | 2198237-4      |
| 15 | 18.1  | NETWORKING, SHORT | 2198237-3      |
| 14 | 15.5  | SAN               | 2198237-2      |
| 14 | 13.2  | PCI               | 2198237-1      |
|    | A MAX | APPLICATION       | PART<br>NUMBER |



2198237  
FINISHED ASSEMBLY  
SCALE 3:1

|                                                                                       |  |                                                                                                                                           |  |                                                                                                          |  |
|---------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN. <b>B. MATTHEW</b> 15NOV2011<br>CHK. <b>M. SCHMITT</b> 15NOV2011<br>APPR. <b>M. SCHMITT</b> 15NOV2011                                 |  |  TE Connectivity    |  |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>1 PLC $\pm 0.1$<br>2 PLC $\pm 0.1$<br>3 PLC $\pm 0.1$<br>4 PLC $\pm 0.1$<br>114-13120 $\pm 0.1$ |  | NAME: <b>SFP+ ENHANCED 1X6 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE</b> |  |
|  |  | PRODUCT SPEC<br><b>108-2364</b>                                                                                                           |  | APPLICATION SPEC<br><b>114-13120</b>                                                                     |  |
| MATERIAL: <b>AL6061-T6</b>                                                            |  | FINISH: <b>1</b>                                                                                                                          |  | SIZE: <b>A1</b> CAGE CODE: <b>100779</b> DRAWING NO: <b>C2198237</b>                                     |  |
|  |  |                                                      |  | RESTRICTED TO:                                                                                           |  |
| Customer Drawing                                                                      |  | SCALE: 4:1                                                                                                                                |  | SHEET 1 OF 4 REV A                                                                                       |  |

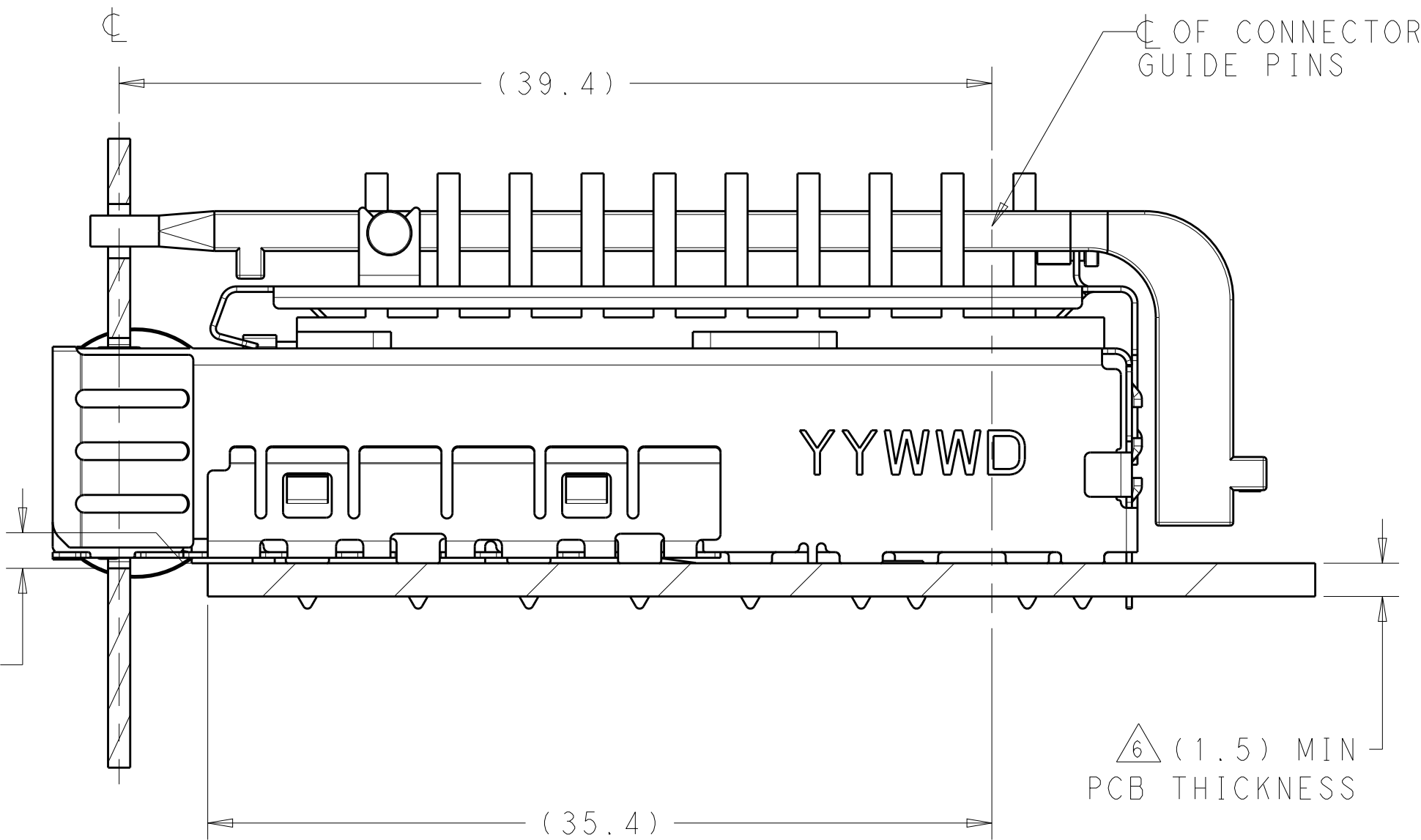
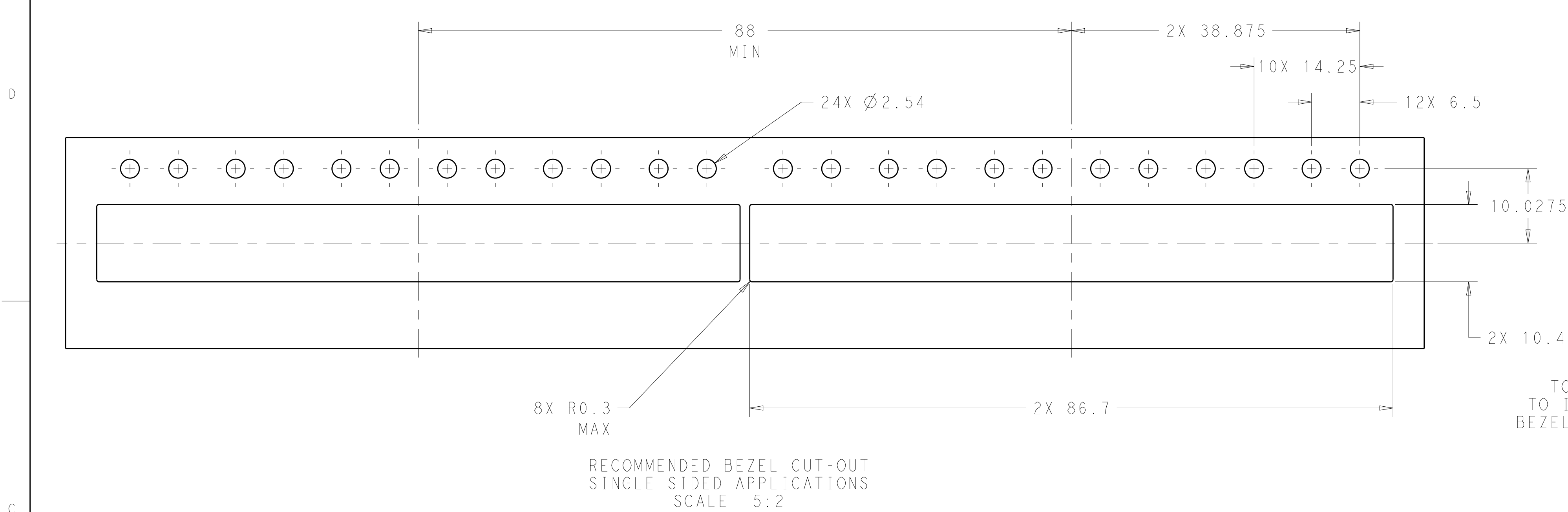
| LOC |  | DIST |     | REVISONS    |      |     |      |
|-----|--|------|-----|-------------|------|-----|------|
| GP  |  | P    | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |  | -    |     | SEE SHEET 1 | -    | -   | -    |
|     |  |      |     |             |      |     |      |
|     |  |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

D

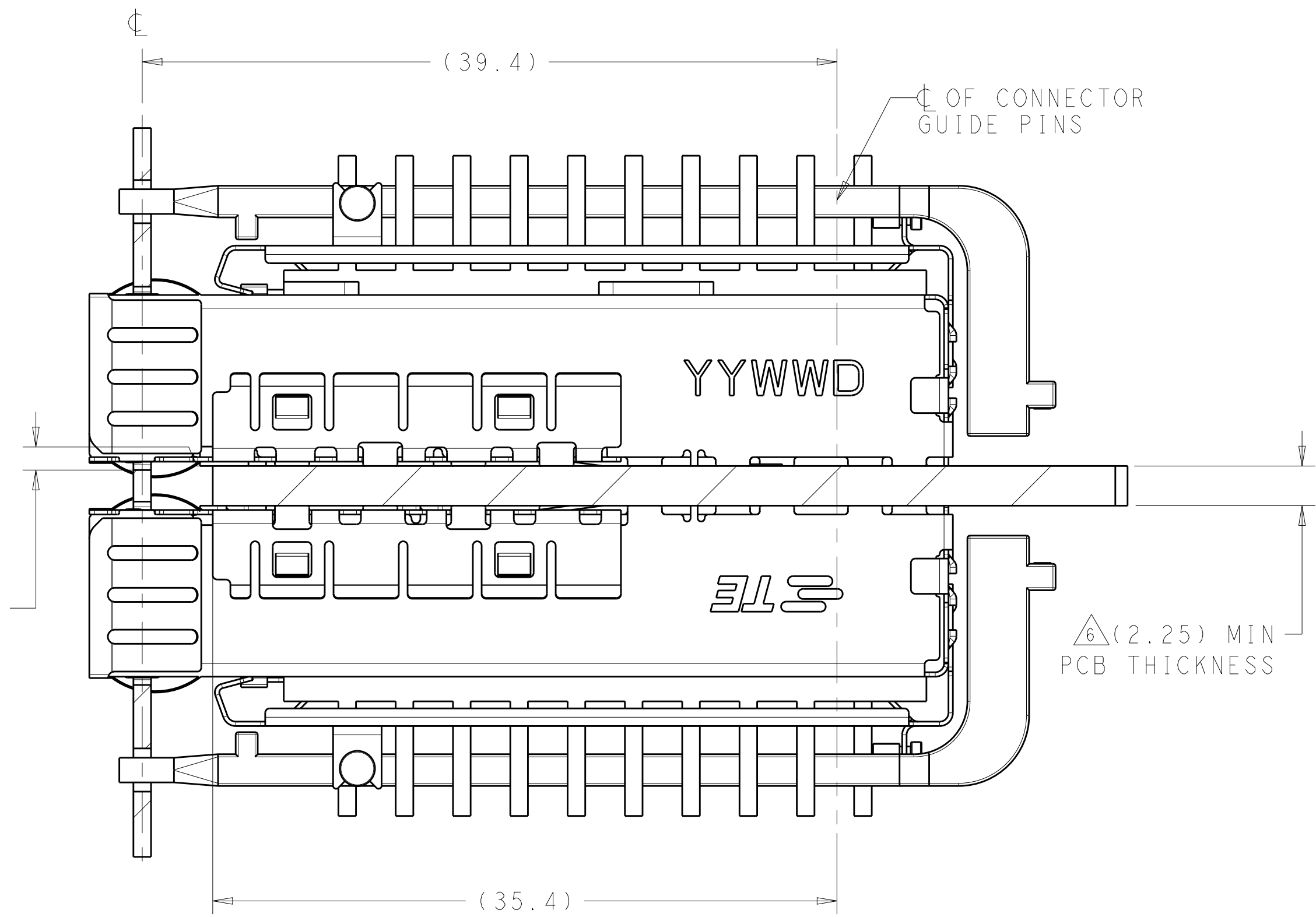
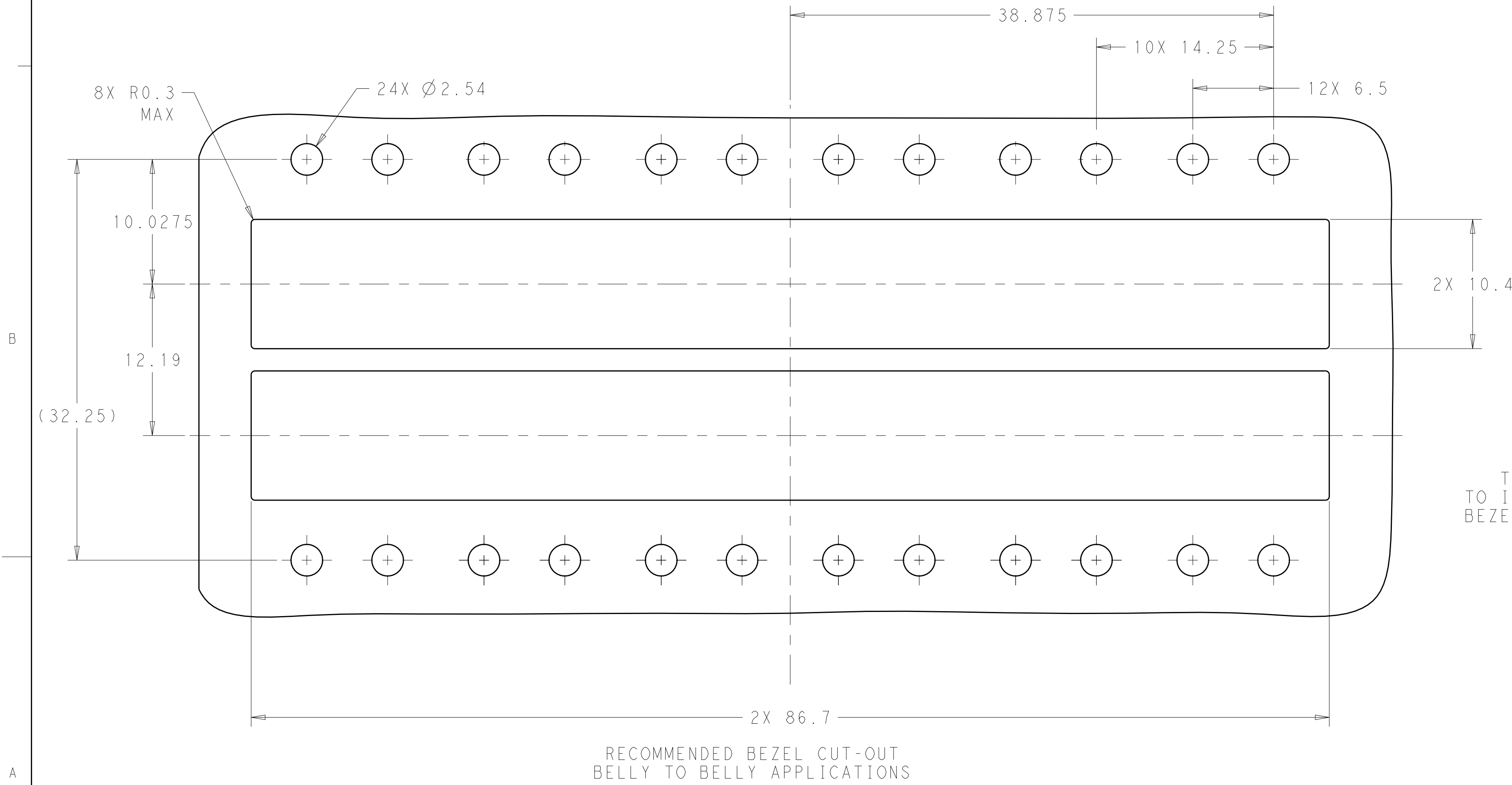
C

B

A

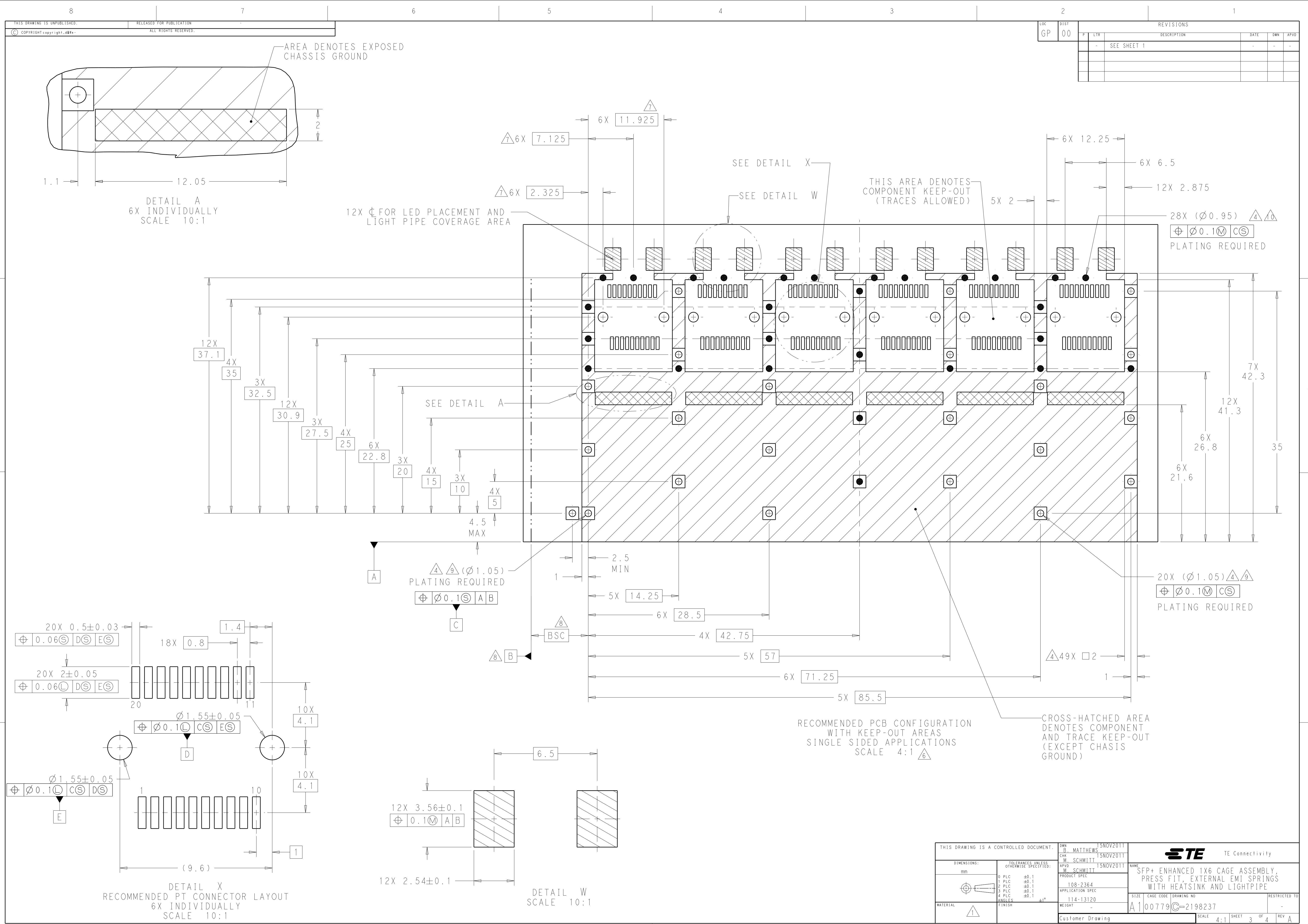


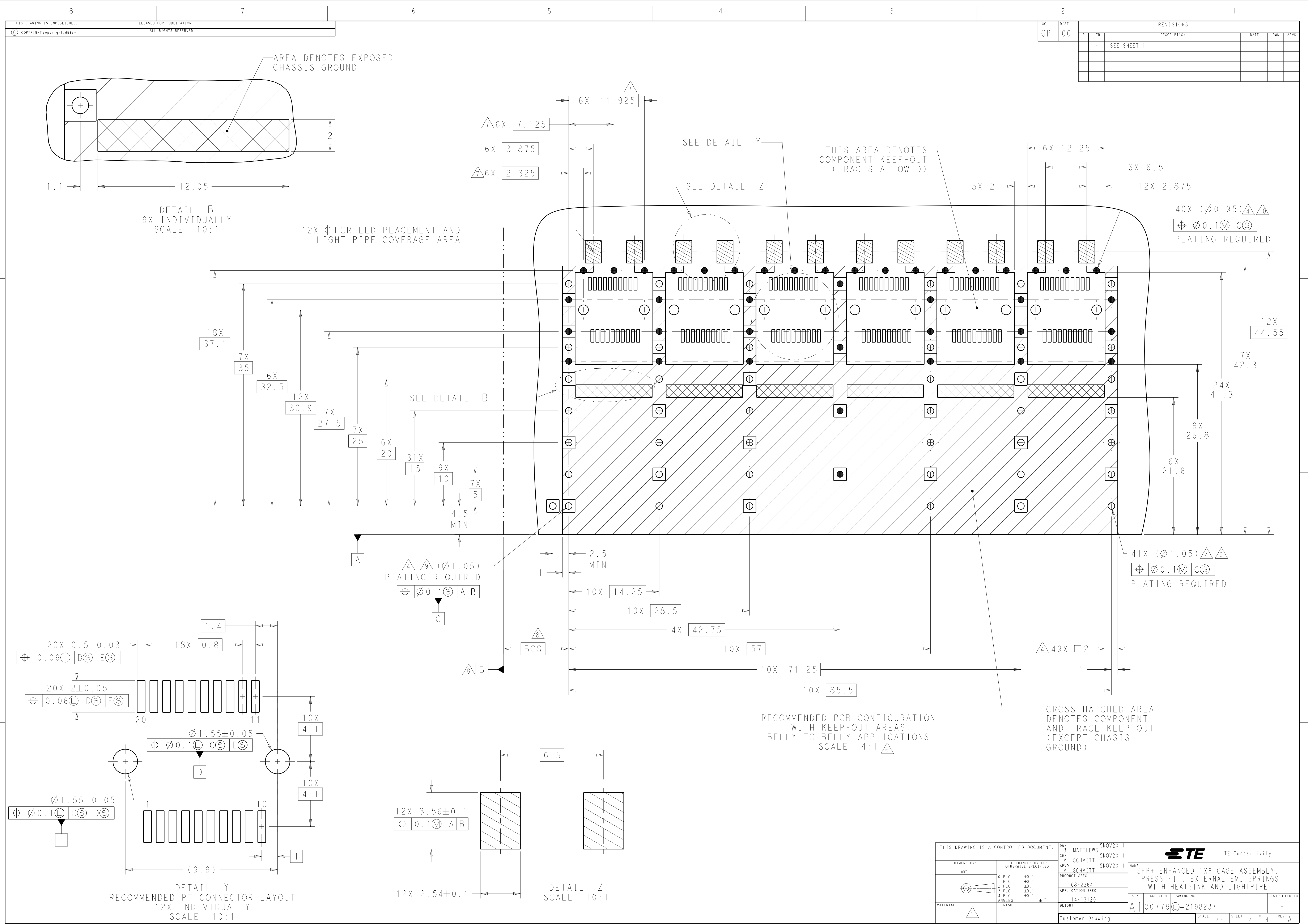
2198237  
MOUNTED ON PC BOARD  
SHOWN THRU RECOMMENDED BEZEL



2198237  
MOUNTED BELLY TO BELLY ON PC BOARD  
SHOWN THRU RECOMMENDED BEZEL

|                                        |                                                                                            |                                                           |                                                                                                            |          |
|----------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                            | DWN<br>B. MATTHEWS<br>15NOV2011                           | TE Connectivity                                                                                            |          |
| DIMENSIONS:                            |                                                                                            | CHK<br>M. SCHMITT<br>15NOV2011                            |                                                                                                            |          |
| mm                                     | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                                  | APVD<br>M. SCHMITT<br>15NOV2011                           | NAME<br>SFP+ ENHANCED 1X6 CAGE ASSEMBLY,<br>PRESS FIT, EXTERNAL EMI SPRINGS<br>WITH HEATSINK AND LIGHTPIPE |          |
|                                        | 0 PLC ±0.1<br>1 PLC ±0.1<br>2 PLC ±0.1<br>3 PLC ±0.1<br>4 PLC ±0.1<br>ANGLES ±1°<br>FINISH | PRODUCT SPEC<br>108-2364<br>APPLICATION SPEC<br>114-13120 | SIZE<br>CAGE CODE<br>DRAWING NO<br>100779C=2198237                                                         |          |
| MATERIAL                               |                                                                                            | WEIGHT<br>-                                               | RESTRICTED TO<br>-                                                                                         |          |
| Customer Drawing                       |                                                                                            | SCALE<br>4:1                                              | SHEET<br>2 OF 4                                                                                            | REV<br>A |





| LOC |  | DIST |  | REVISONS |     |             |      |
|-----|--|------|--|----------|-----|-------------|------|
| GP  |  | 00   |  | P        | LTR | DESCRIPTION | DATE |
|     |  |      |  | -        | -   | SEE SHEET 1 | -    |
|     |  |      |  |          |     |             |      |
|     |  |      |  |          |     |             |      |
|     |  |      |  |          |     |             |      |

|                                        |  |                    |           |                                                                                                    |  |
|----------------------------------------|--|--------------------|-----------|----------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>B. MATTHEWS | 15NOV2011 |                                                                                                    |  |
|                                        |  | CHK<br>M. SCHMITT  | 15NOV2011 |                                                                                                    |  |
| DIMENSIONS:                            |  | APVD<br>M. SCHMITT | 15NOV2011 | NAME                                                                                               |  |
| mm                                     |  | PRODUCT SPEC       |           | SFP+ ENHANCED 1X6 CAGE ASSEMBLY,<br>PRESS FIT, EXTERNAL EMI SPRINGS<br>WITH HEATSINK AND LIGHTPIPE |  |
|                                        |  | APPLICATION SPEC   |           | SIZE                                                                                               |  |
|                                        |  | 108-2364           |           | CAGE CODE                                                                                          |  |
|                                        |  | 114-13120          |           | DRAWING NO                                                                                         |  |
|                                        |  | 114-13120          |           | RESTRICTED TO                                                                                      |  |
|                                        |  | 114-13120          |           | A100779C=2198237                                                                                   |  |
|                                        |  | 114-13120          |           | Customer Drawing                                                                                   |  |
|                                        |  | 114-13120          |           | SCALE 4:1 SHEET 4 OF 4 REV A                                                                       |  |

## 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

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