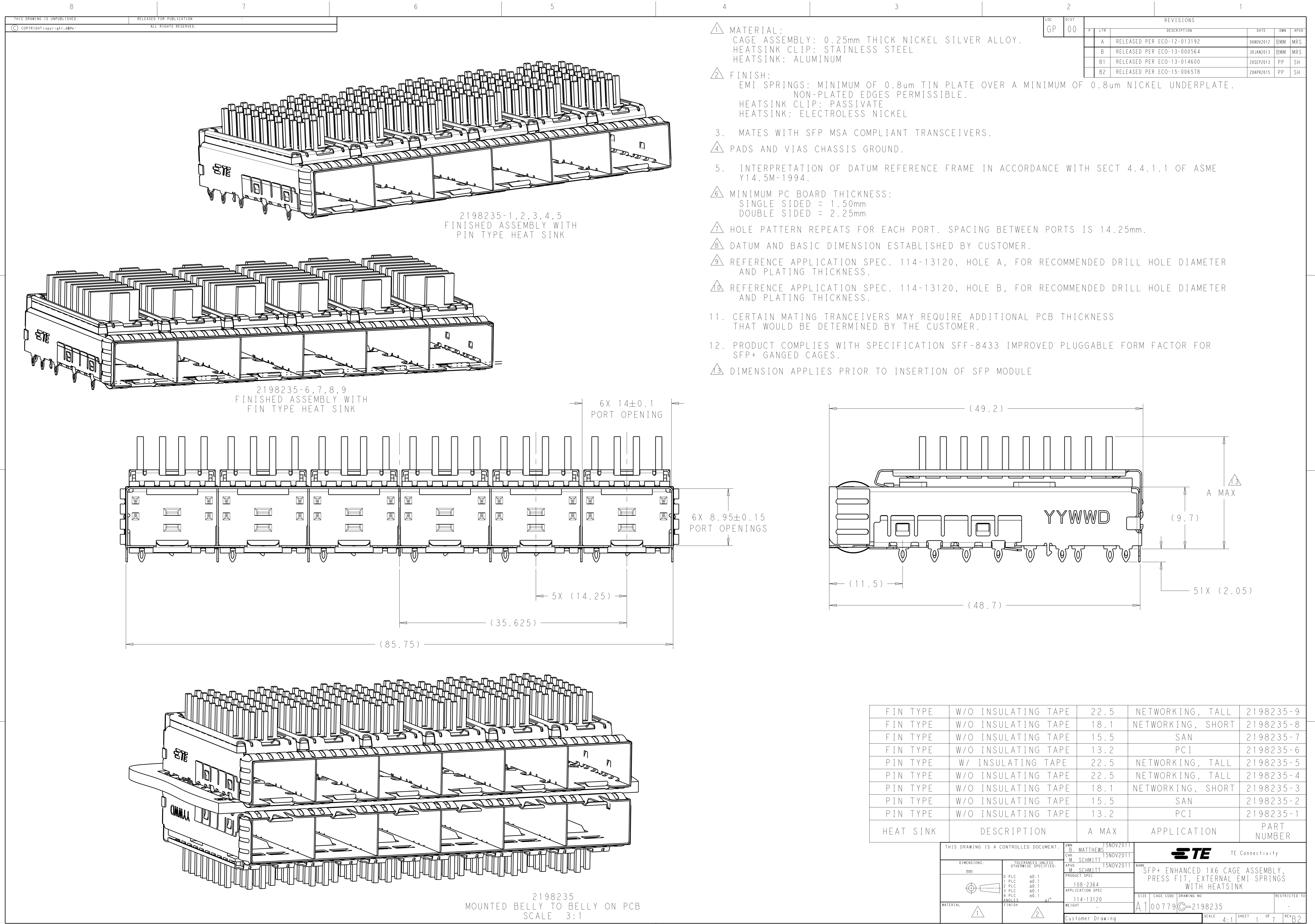
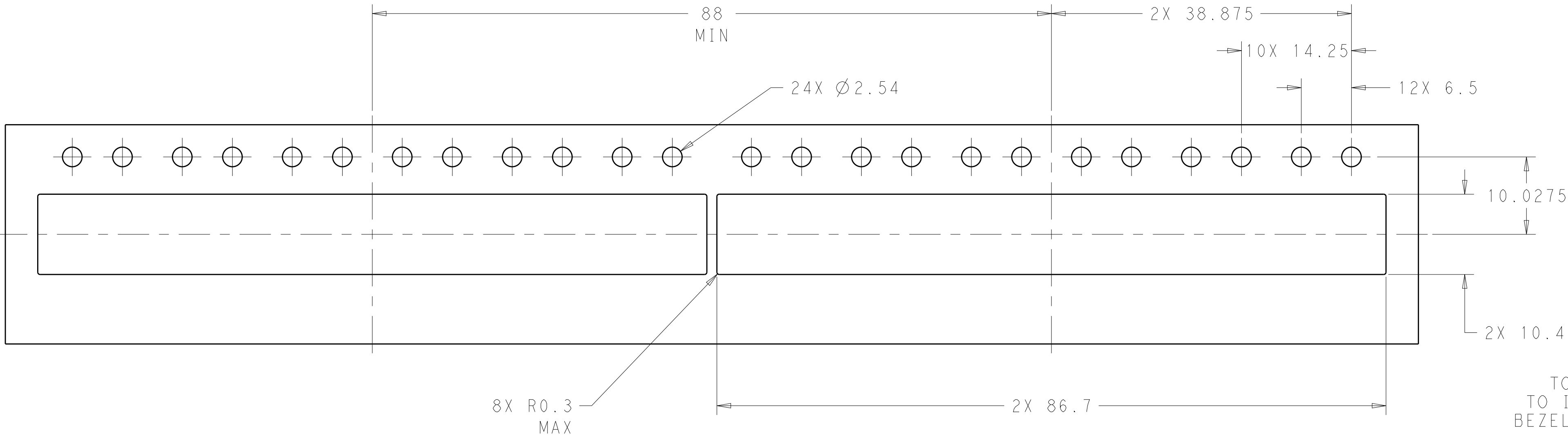




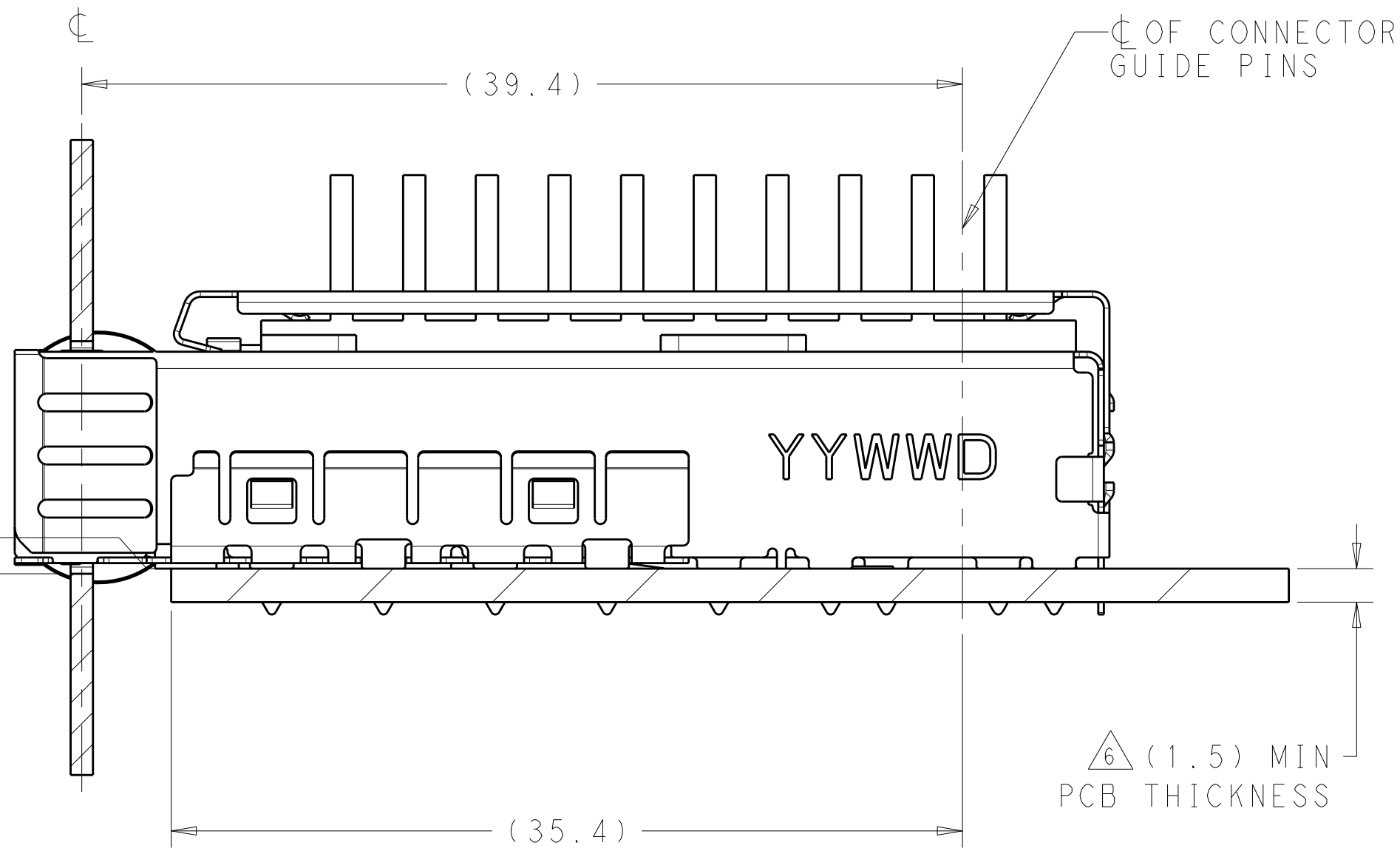
1. MATERIAL:  
CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY.  
HEATSINK CLIP: STAINLESS STEEL  
HEATSINK: ALUMINUM
2. FINISH:  
EMI SPRINGS: MINIMUM OF 0.8um TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE.  
NON-PLATED EDGES PERMISSIBLE.  
HEATSINK CLIP: PASSIVATE  
HEATSINK: ELECTROLESS NICKEL
3. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.
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.
10. 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.
13. DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE



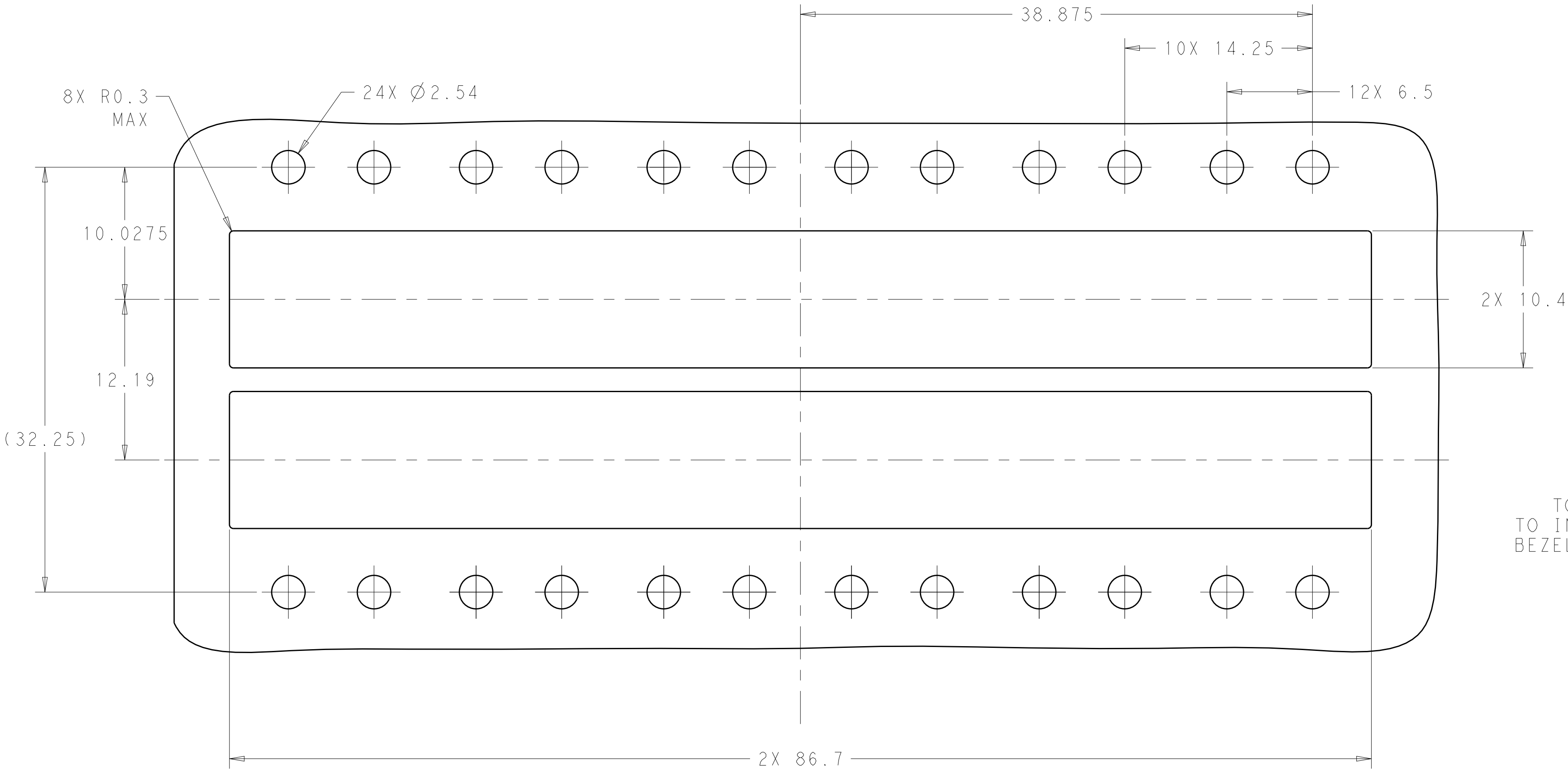
| LOC |  | DIST |     | REVISONS    |      |     |      |
|-----|--|------|-----|-------------|------|-----|------|
| GP  |  | P    | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |  | -    |     | SEE SHEET 1 | -    | -   | -    |
|     |  |      |     |             |      |     |      |
|     |  |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



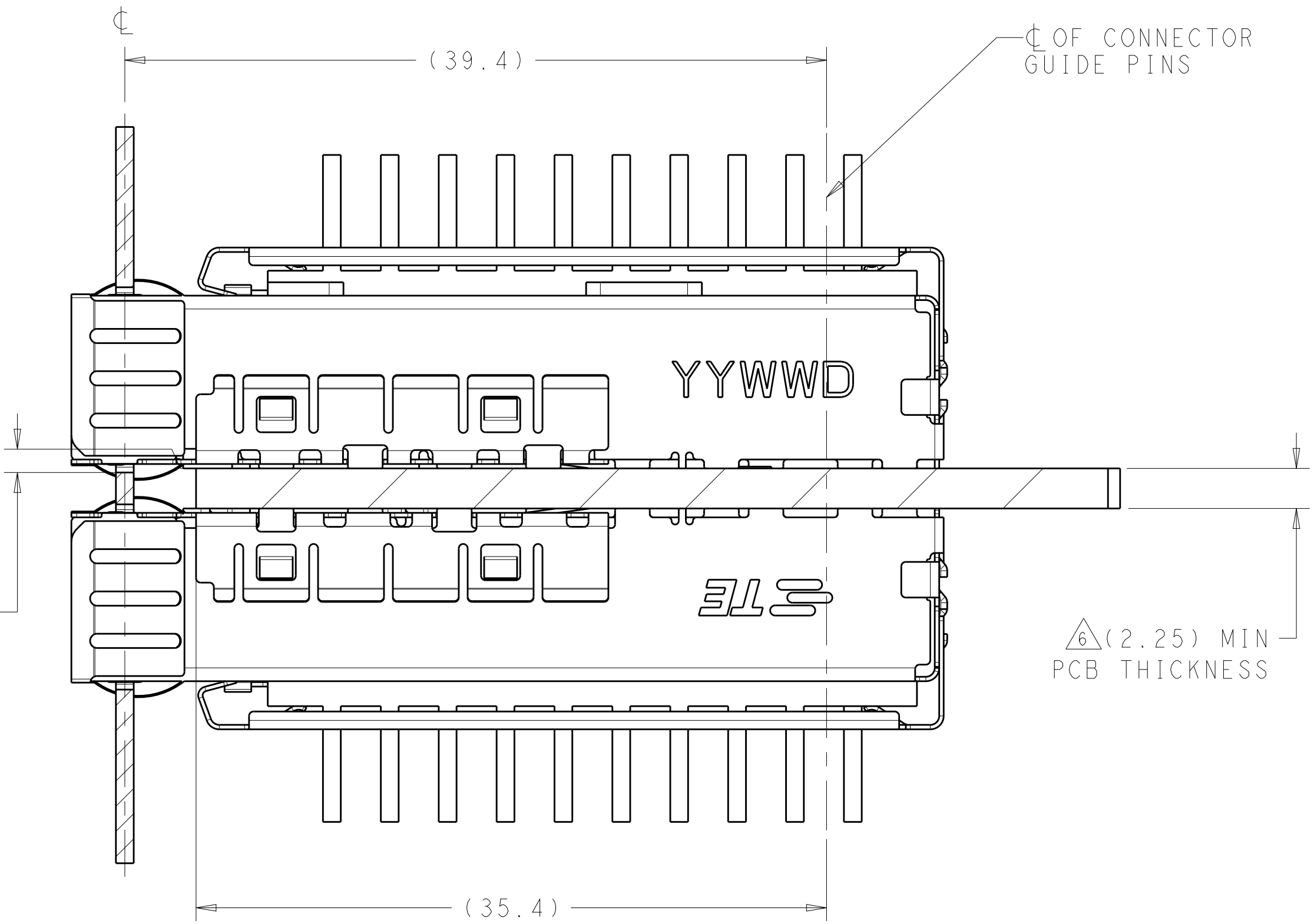
RECOMMENDED BEZEL CUT-OUT  
SINGLE SIDED APPLICATIONS  
SCALE 5:2



2198235  
MOUNTED ON PC BOARD  
SHOWN THRU RECOMMENDED BEZEL

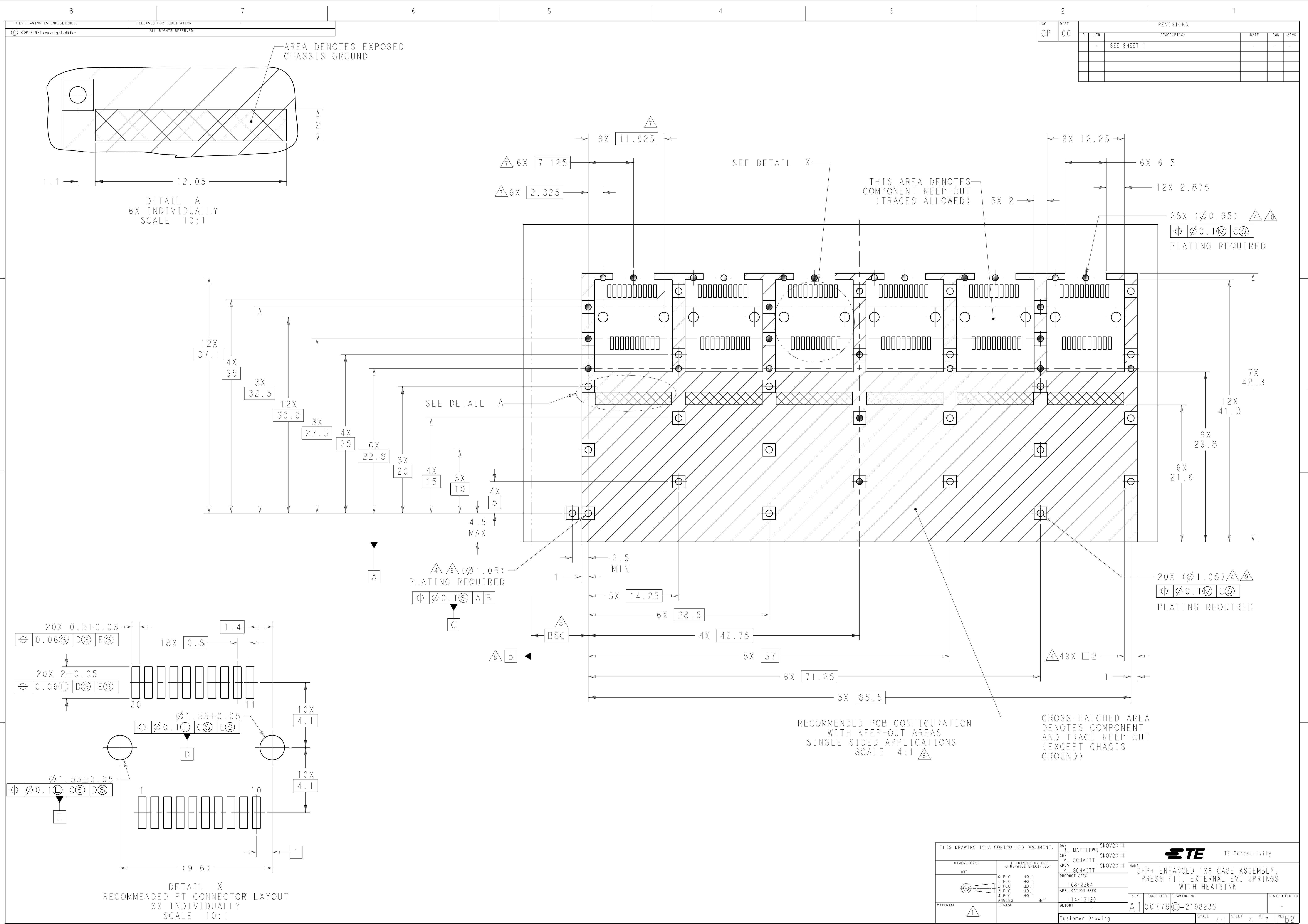


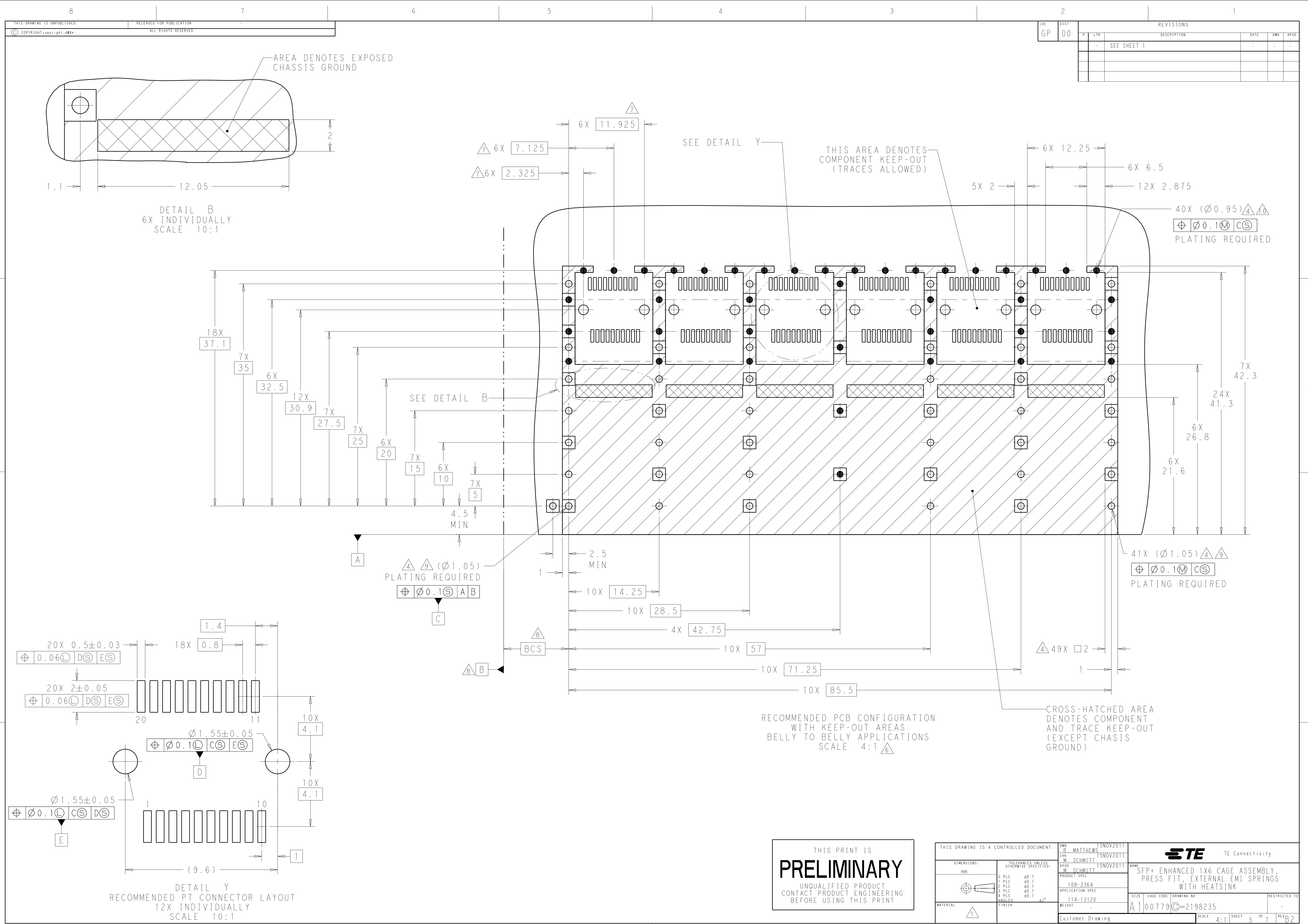
RECOMMENDED BEZEL CUT-OUT  
BELLY TO BELLY APPLICATIONS

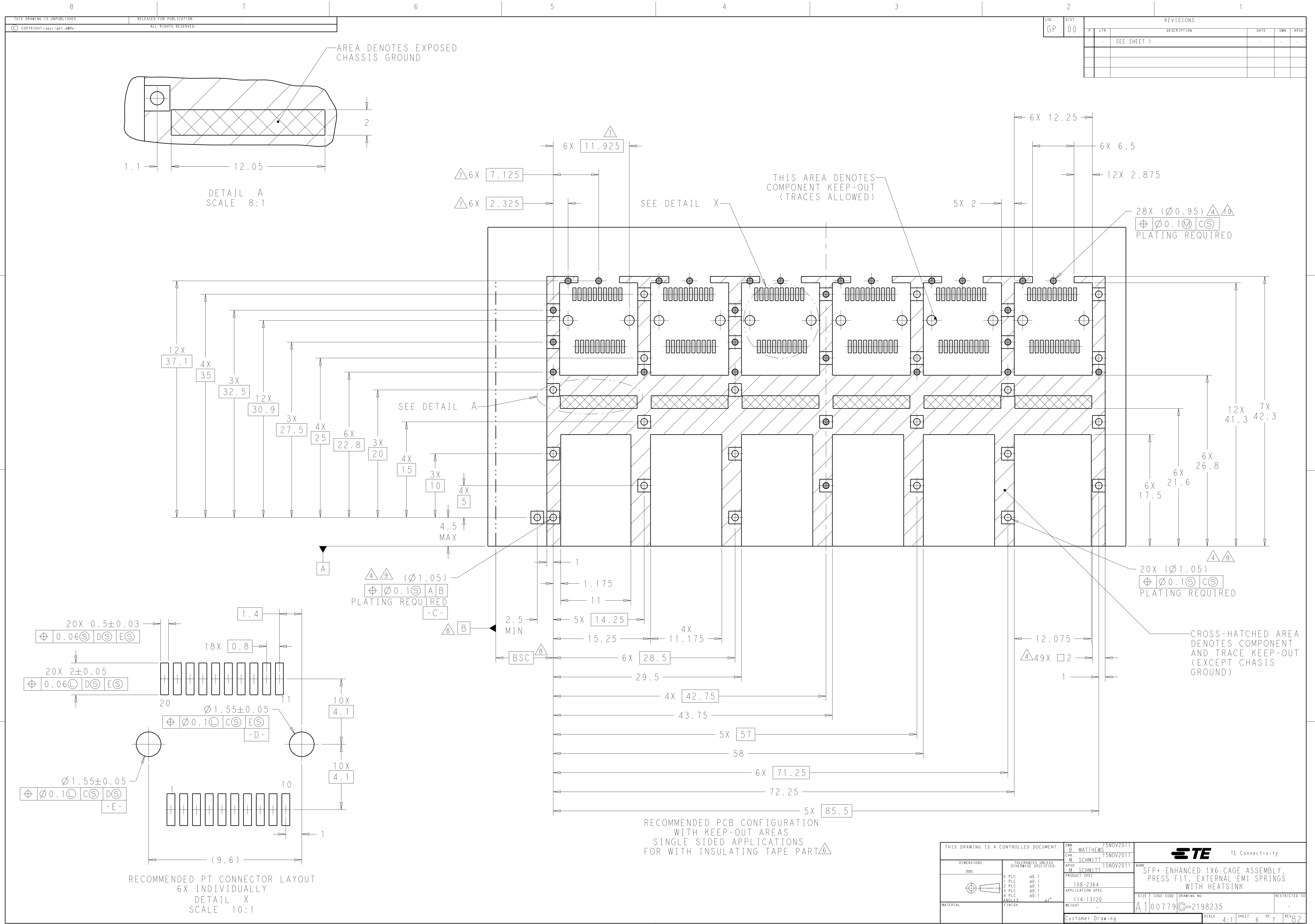


2198235  
MOUNTED BELLY TO BELLY ON PC BOARD  
SHOWN THRU RECOMMENDED BEZEL

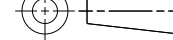
|                                        |                                                                                  |                                 |                                                                                              |           |
|----------------------------------------|----------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------|-----------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                  | DWN<br>B. MATTHEWS<br>15NOV2011 | TE Connectivity                                                                              |           |
| DIMENSIONS:                            |                                                                                  | CHK<br>M. SCHMITT<br>15NOV2011  |                                                                                              |           |
| mm                                     | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                           | APVD<br>M. SCHMITT<br>15NOV2011 | NAME<br>SFP+ ENHANCED 1X6 CAGE ASSEMBLY,<br>PRESS FIT, EXTERNAL EMI SPRINGS<br>WITH HEATSINK |           |
|                                        | 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° | PRODUCT SPEC<br>108-2364        | SIZE<br>A100779                                                                              |           |
| MATERIAL                               | FINISH                                                                           | APPLICATION SPEC<br>114-13120   | DRAWING NO.<br>C=2198235                                                                     |           |
|                                        |                                                                                  | WEIGHT<br>-                     | RESTRICTED TO<br>-                                                                           |           |
| Customer Drawing                       |                                                                                  | SCALE<br>4:1                    | SHEET<br>3                                                                                   | REV<br>B2 |







| LOC |  | DIST |  | REVISES |     |             |      |
|-----|--|------|--|---------|-----|-------------|------|
| GP  |  | 00   |  | P       | LTR | DESCRIPTION | DATE |
|     |  |      |  | -       | -   | SEE SHEET 1 | -    |
|     |  |      |  |         |     |             |      |
|     |  |      |  |         |     |             |      |
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|                                                                                       |  |                    |           |                                                                                                       |  |  |
|---------------------------------------------------------------------------------------|--|--------------------|-----------|-------------------------------------------------------------------------------------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>B. MATTHEWS | 15NOV2011 |  TE Connectivity |  |  |
|                                                                                       |  | CHK<br>M. SCHMITT  | 15NOV2011 |                                                                                                       |  |  |
| DIMENSIONS:                                                                           |  | APVD<br>M. SCHMITT | 15NOV2011 | NAME<br>SFP+ ENHANCED 1X6 CAGE ASSEMBLY,<br>PRESS FIT, EXTERNAL EMI SPRINGS<br>WITH HEATSINK          |  |  |
| mm                                                                                    |  | PRODUCT SPEC       |           |                                                                                                       |  |  |
|  |  | 108-2364           |           | SIZE                                                                                                  |  |  |
|                                                                                       |  | APPLICATION SPEC   |           |                                                                                                       |  |  |
|  |  | 114-13120          |           | CAGE CODE                                                                                             |  |  |
|                                                                                       |  | FINISH             |           |                                                                                                       |  |  |
| MATERIAL                                                                              |  | WEIGHT             |           | DRAWING NO                                                                                            |  |  |
|                                                                                       |  | Customer Drawing   |           |                                                                                                       |  |  |
|                                                                                       |  |                    |           | RESTRICTED TO                                                                                         |  |  |
|                                                                                       |  | A100779C=2198235   |           |                                                                                                       |  |  |
|                                                                                       |  |                    |           | SCALE                                                                                                 |  |  |
|                                                                                       |  |                    |           |                                                                                                       |  |  |
|                                                                                       |  |                    |           | SHEET                                                                                                 |  |  |
|                                                                                       |  |                    |           |                                                                                                       |  |  |
|                                                                                       |  |                    |           | 6 OF 7                                                                                                |  |  |
|                                                                                       |  |                    |           |                                                                                                       |  |  |
|                                                                                       |  |                    |           | REV                                                                                                   |  |  |
|                                                                                       |  |                    |           |                                                                                                       |  |  |
|                                                                                       |  |                    |           | B2                                                                                                    |  |  |
|                                                                                       |  |                    |           |                                                                                                       |  |  |

