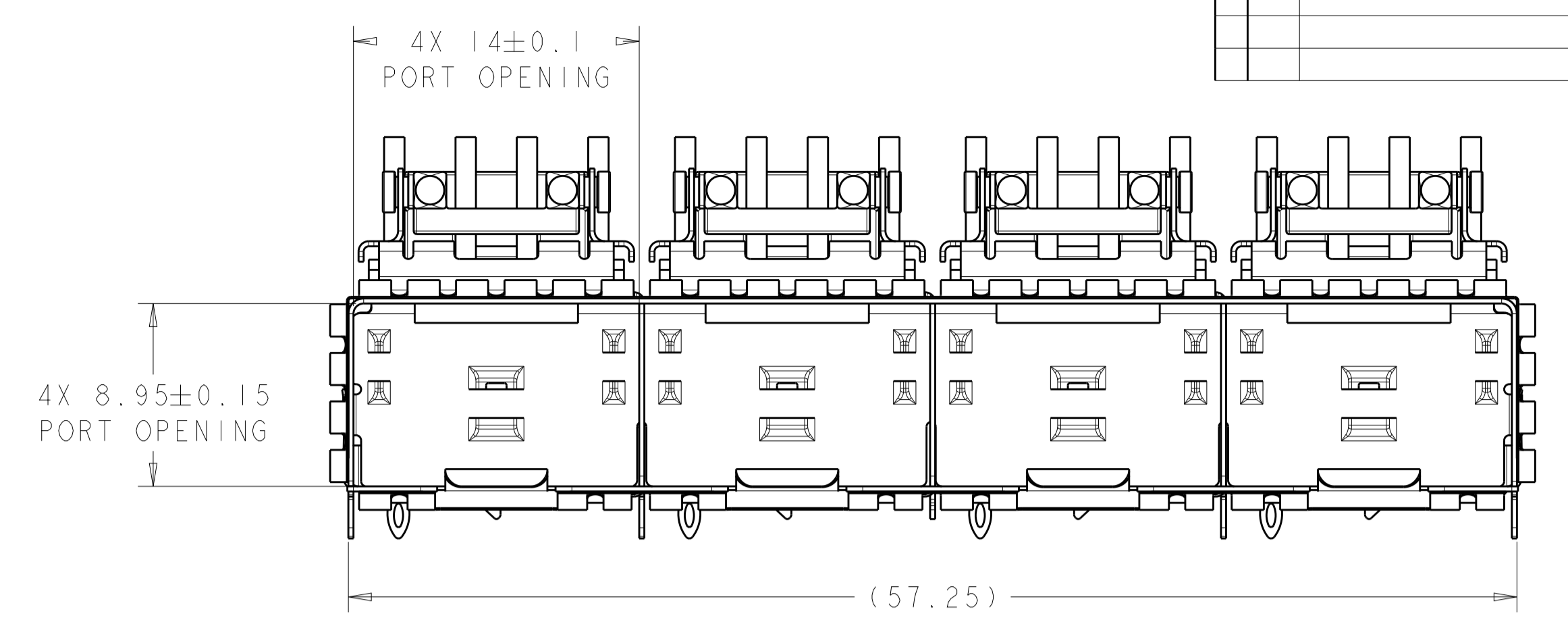
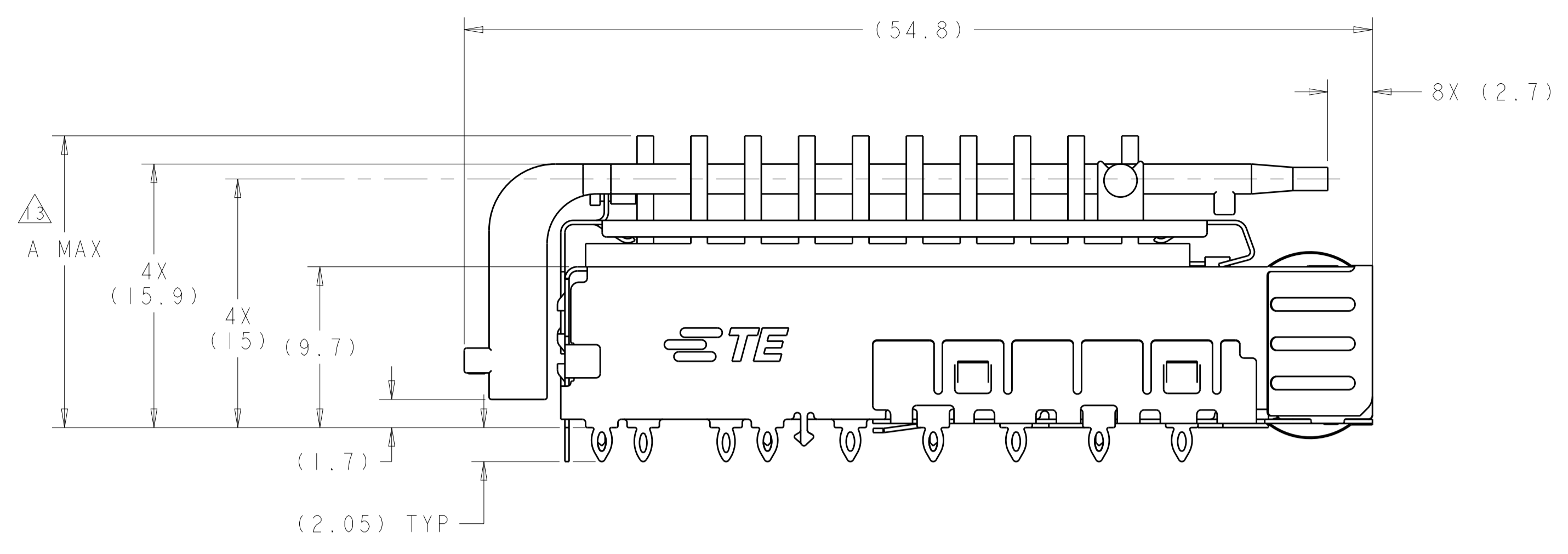
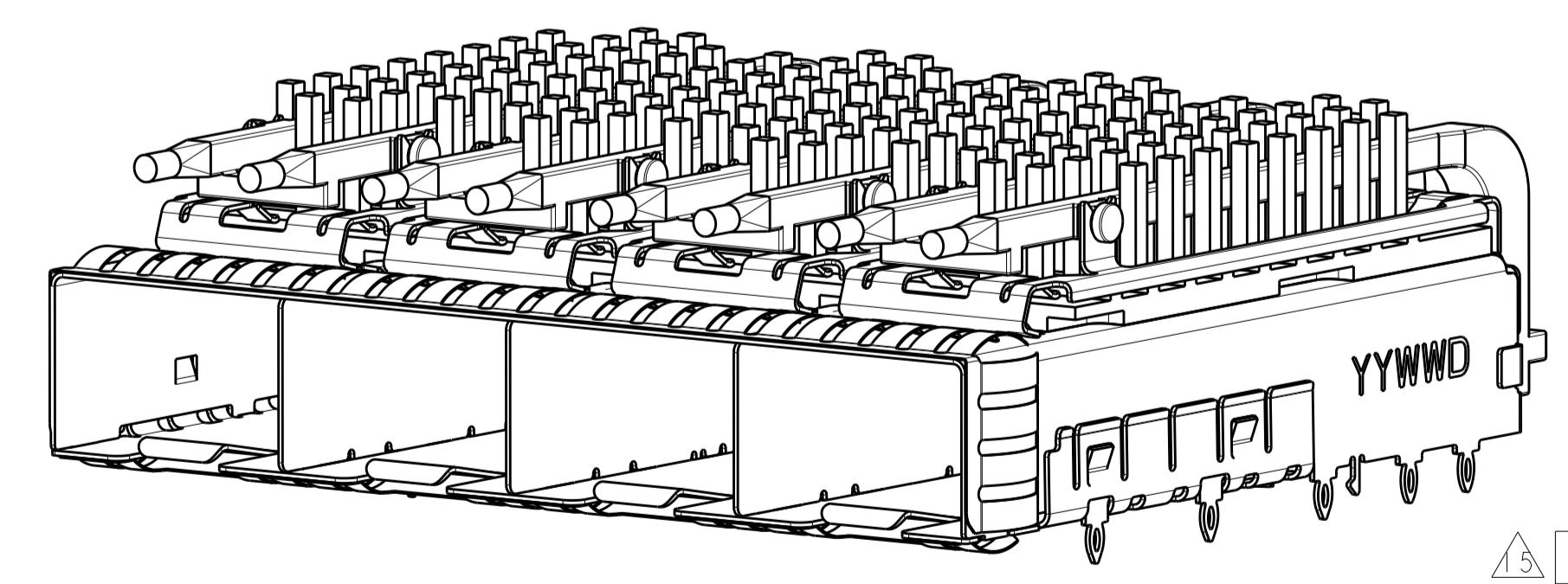
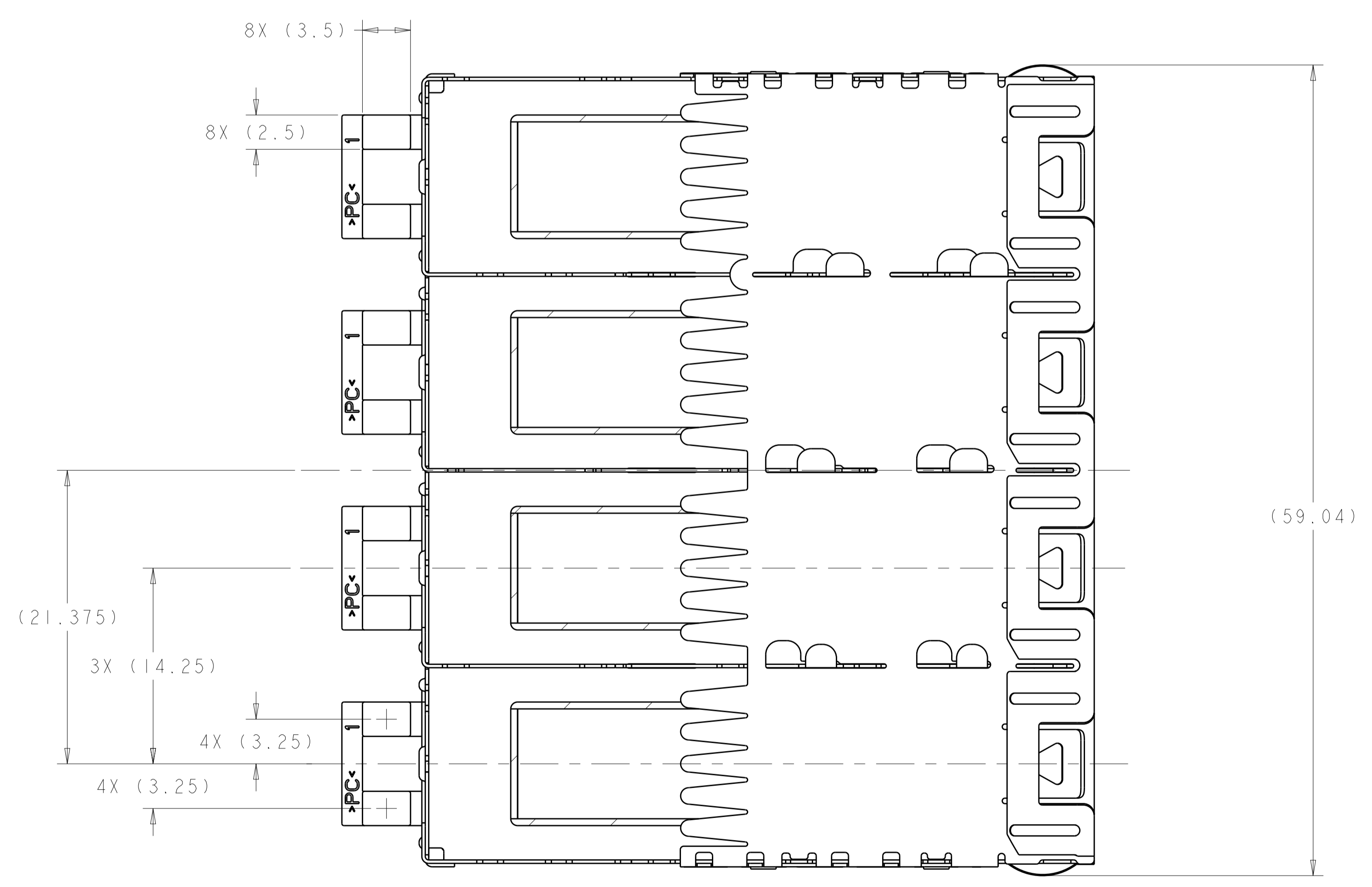


| LOC |     | DIST        |           | REVISONS |      |  |  |
|-----|-----|-------------|-----------|----------|------|--|--|
| P   | LTN | DESCRIPTION | DATE      | DWN      | APVD |  |  |
| I   |     | ORIGINAL    | 15NOV2011 | BMM      | MRS  |  |  |



- 1 MATERIAL:  
 CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY  
 HEATSINK/LIGHTPIPE CLIP: STAINLESS STEEL  
 LIGHTPIPE: POLYCARBONATE, CLEAR  
 HEATSINK: ALUMINUM
- 2 FINISH:  
 SPRINGS: MINIMUM OF 0.8um TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE.  
 NON-PLATED EDGES PERMISSIBLE.  
 HEATSINK/LIGHTPIPE CLIP: PASSIVATE.  
 HEATSINK: ELECTROLESS NICKEL.
- 3 PADS AND VIAS CHASSIS GROUND.
- 4 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- 5. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.
- 6. INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994.
- 7 REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 8 REFERENCE APPLICATION SPEC. 114-13120, HOLE B, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 9 HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.
- 10 MINIMUM PC BOARD THICKNESS:  
 SINGLE SIDED = 1.50mm  
 DOUBLE SIDED = 2.25mm
- 11. CERTAIN MATING TRANSCEIVERS 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
- 14 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.
- 15 PACKAGED AS A COMPLETE ASSEMBLY.



2198233  
 FINISHED ASSEMBLY  
 SCALE 3:1

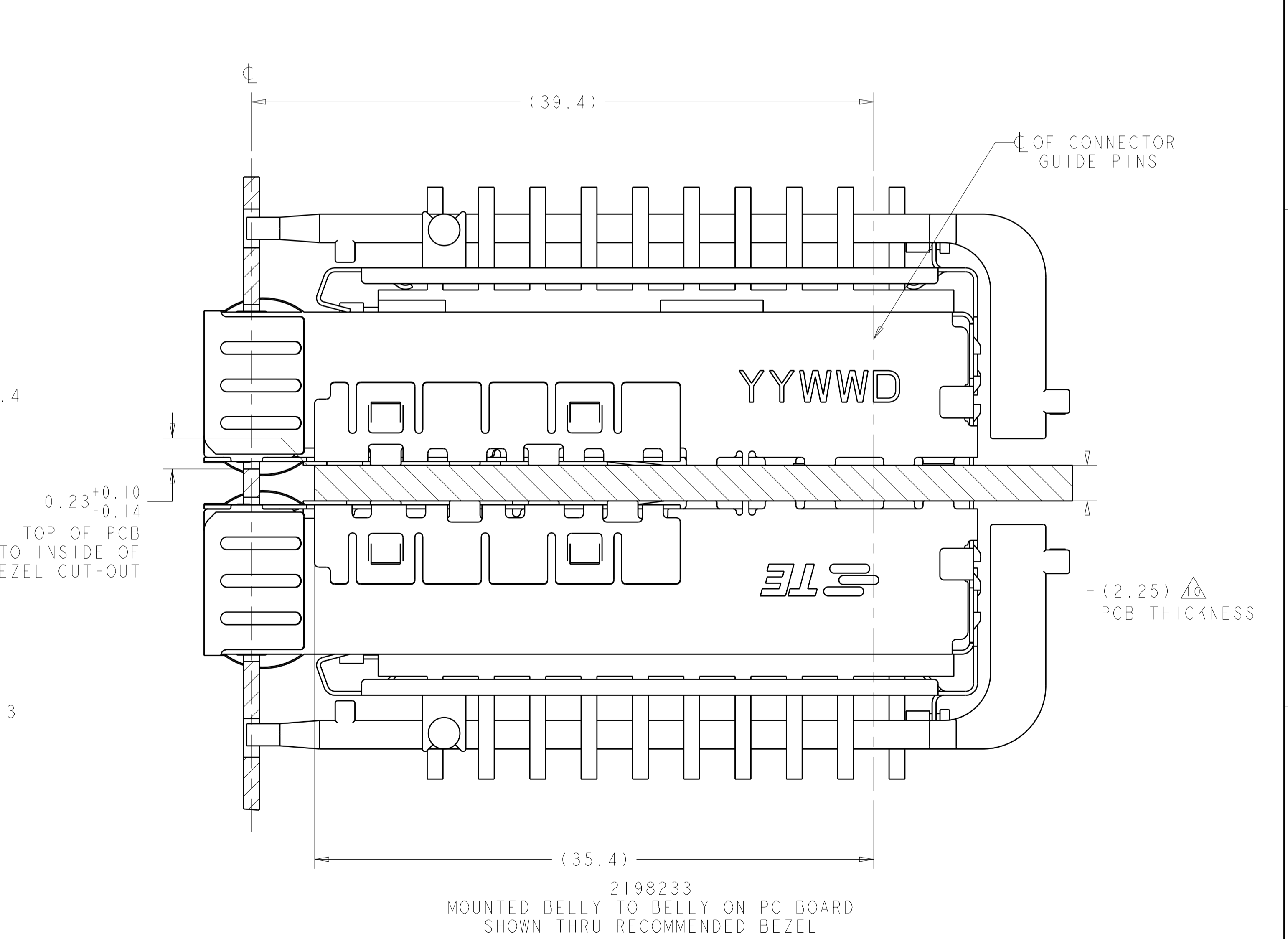
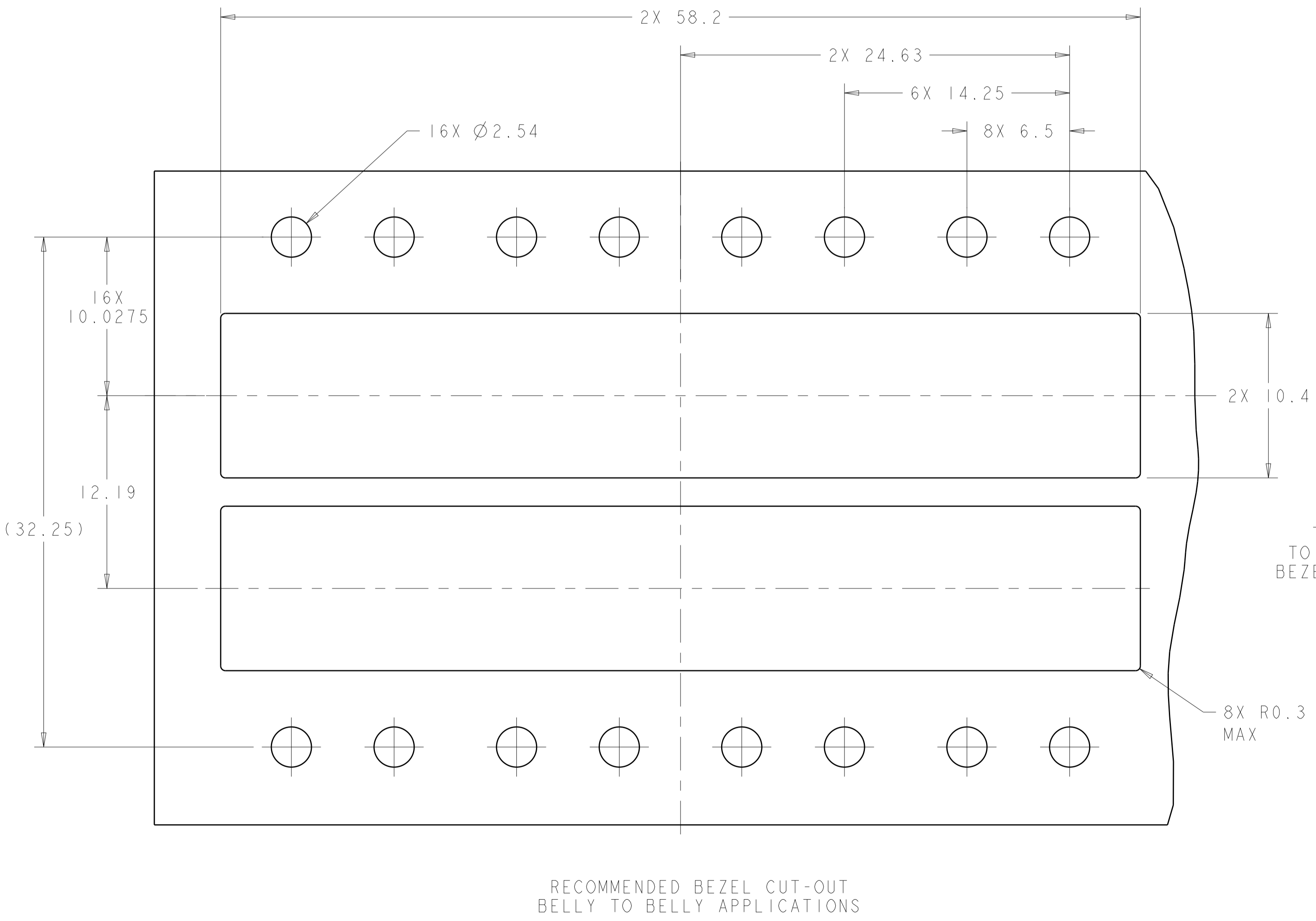
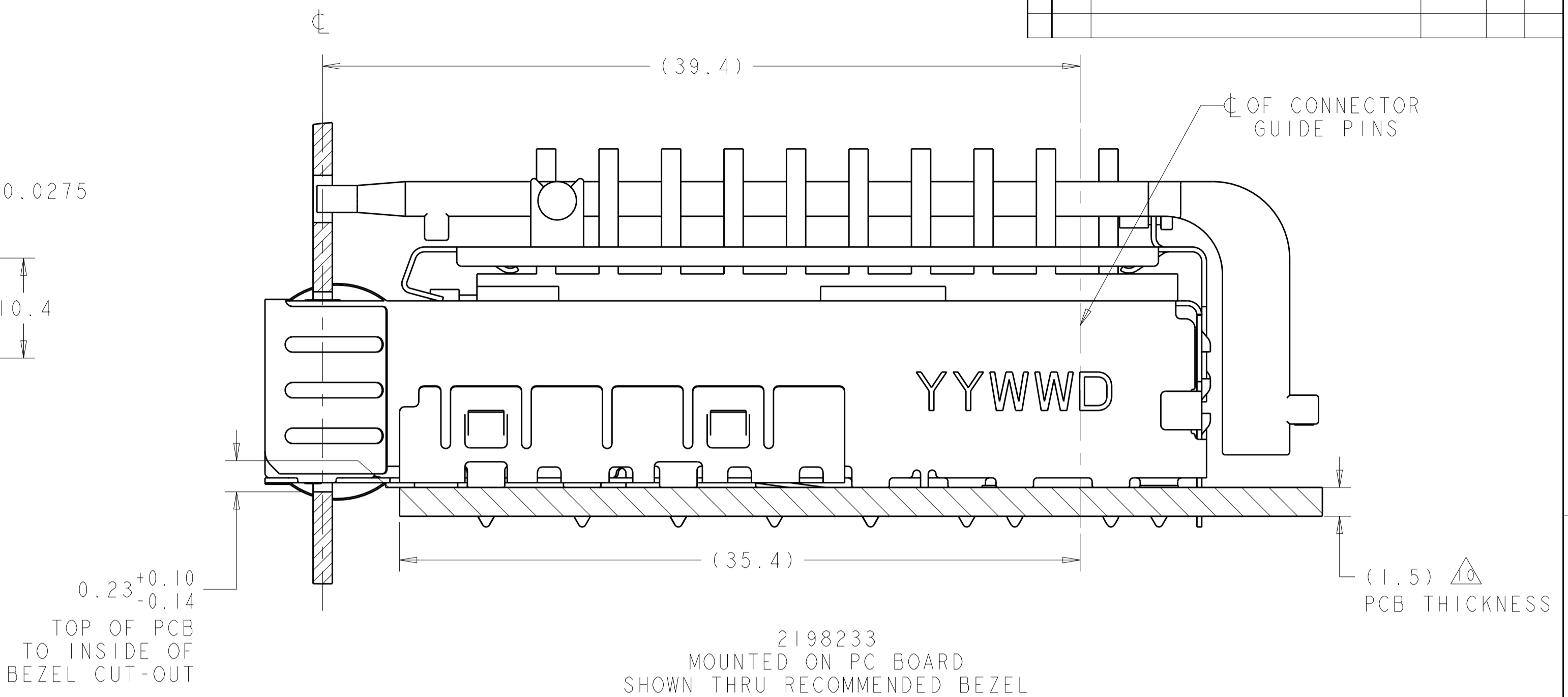
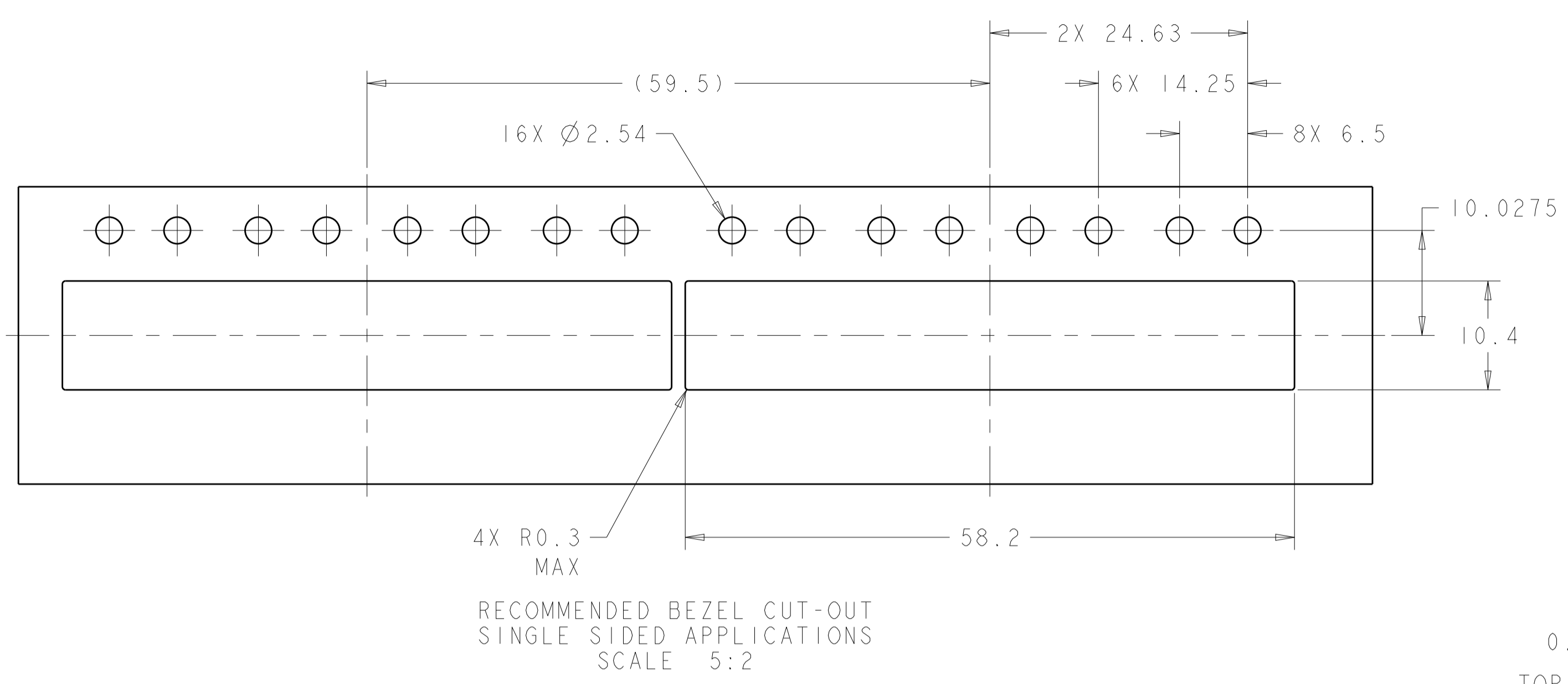
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|-------|-------------------|-------------|
| 22.5  | NETWORKING, TALL  | 2198233-4   |
| 18.1  | NETWORKING, SHORT | 2198233-3   |
| 15.5  | SAN               | 2198233-2   |
| 13.2  | PCI               | 2198233-1   |
| A MAX | APPLICATION       | PART NUMBER |

|  |  |  |  |
|--|--|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.   |  | DWN<br>B. MATTHEWS<br>15NOV2011  | TE Connectivity  |
| DIMENSIONS:<br>mm  |  | CHK<br>M. SCHMITT<br>15NOV2011   |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:   |  | APVD<br>M. SCHMITT<br>15NOV2011  | NAME<br>SFP+ ENHANCED 1X4 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° |  | PRODUCT SPEC<br>108-2364<br>APPLICATION SPEC<br>114-13120<br>WEIGHT<br>- |  |
| MATERIAL   |  | SIZE<br>A100779  | RESTRICTED TO  |
| FINISH   |  | CAGE CODE<br>C=2198233   |  |
| Customer Drawing   |  | SCALE<br>4:1   | SHEET<br>1 OF 4  |
|  |  | REV<br>A1  |  |

| LOC | DIST | REV | DATE | BY | APPV |
|-----|------|-----|------|----|------|
| GP  | 00   |     |      |    |      |

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
| 1         | SEE SHEET 1 |      |    |



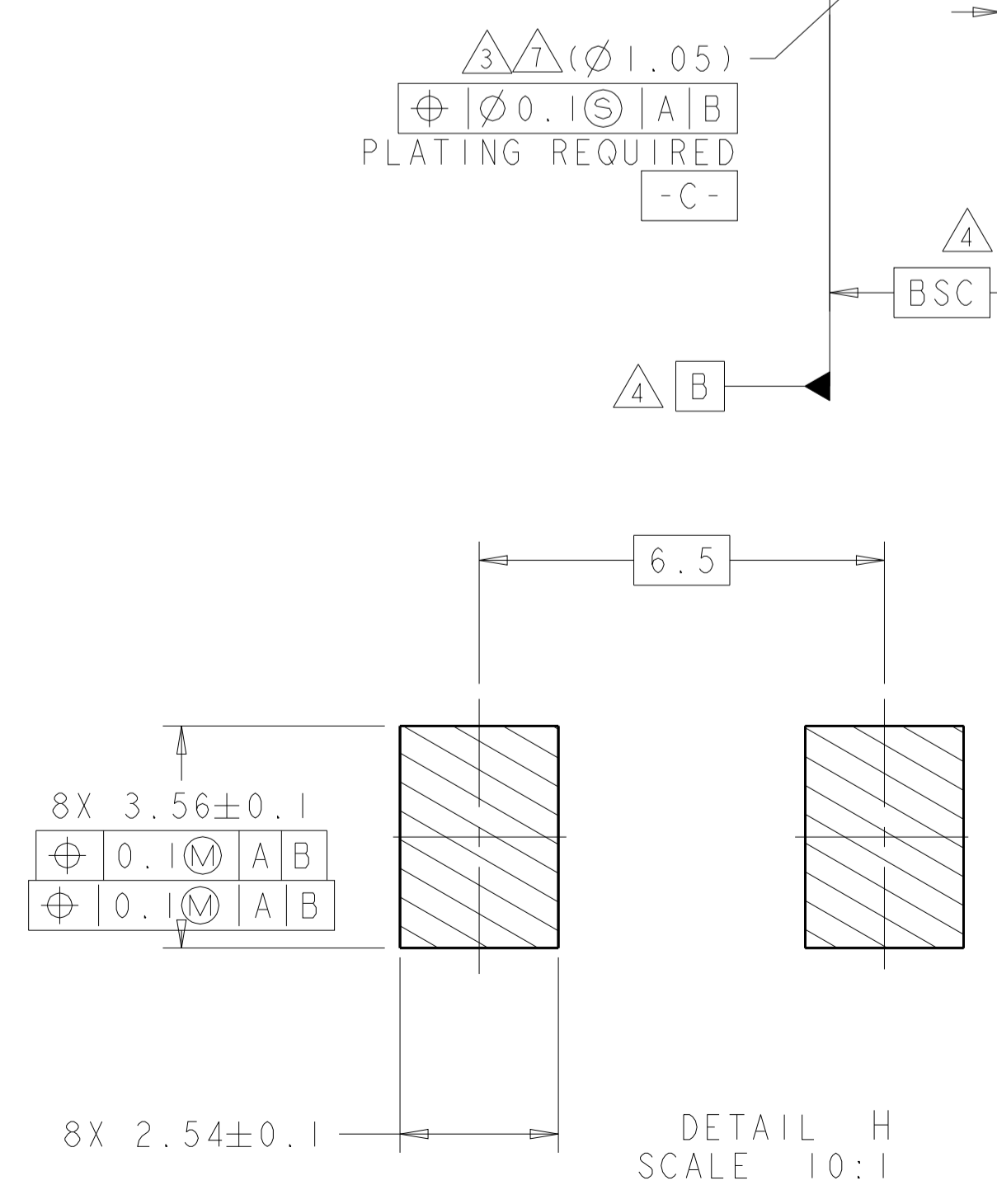
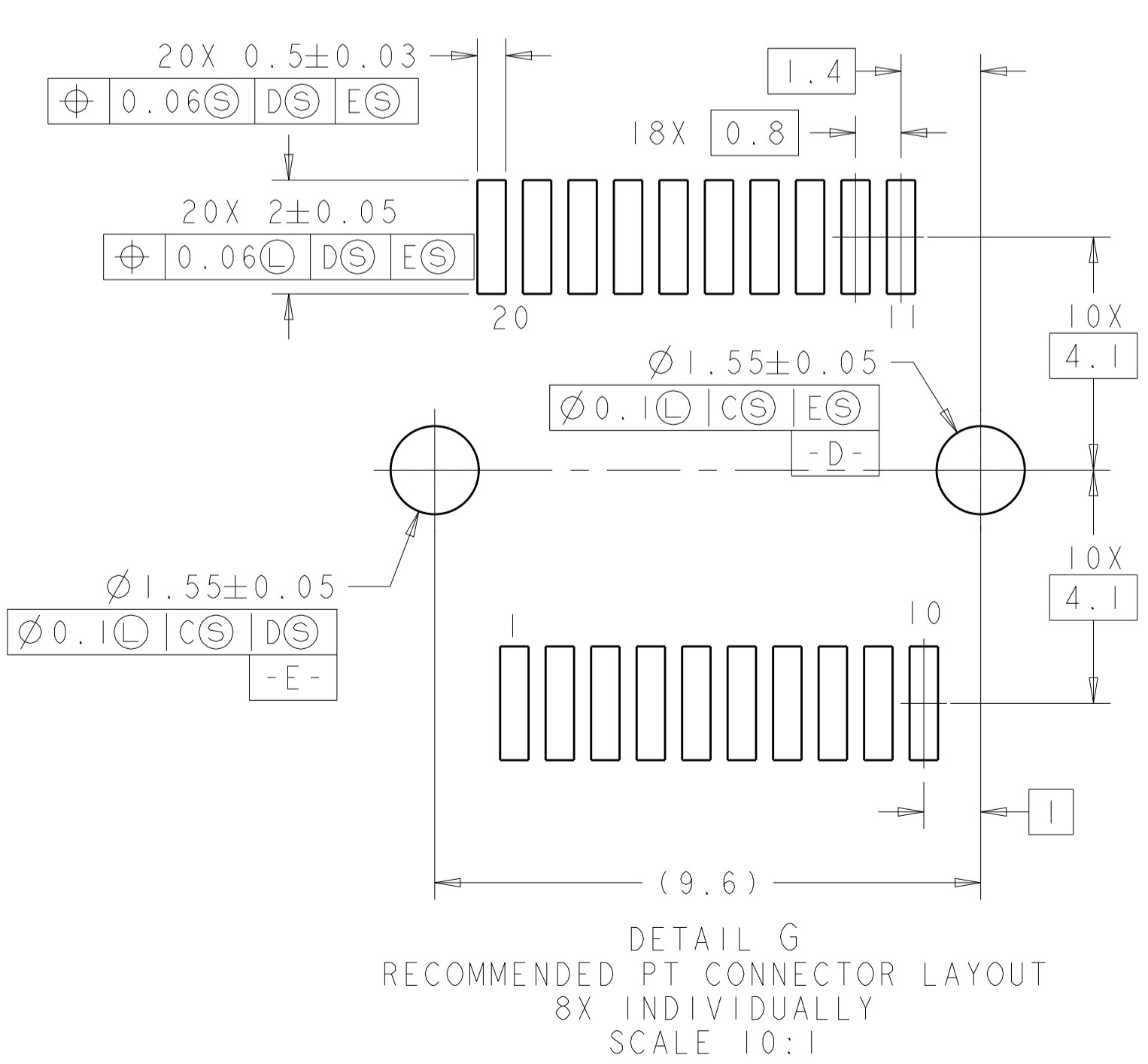
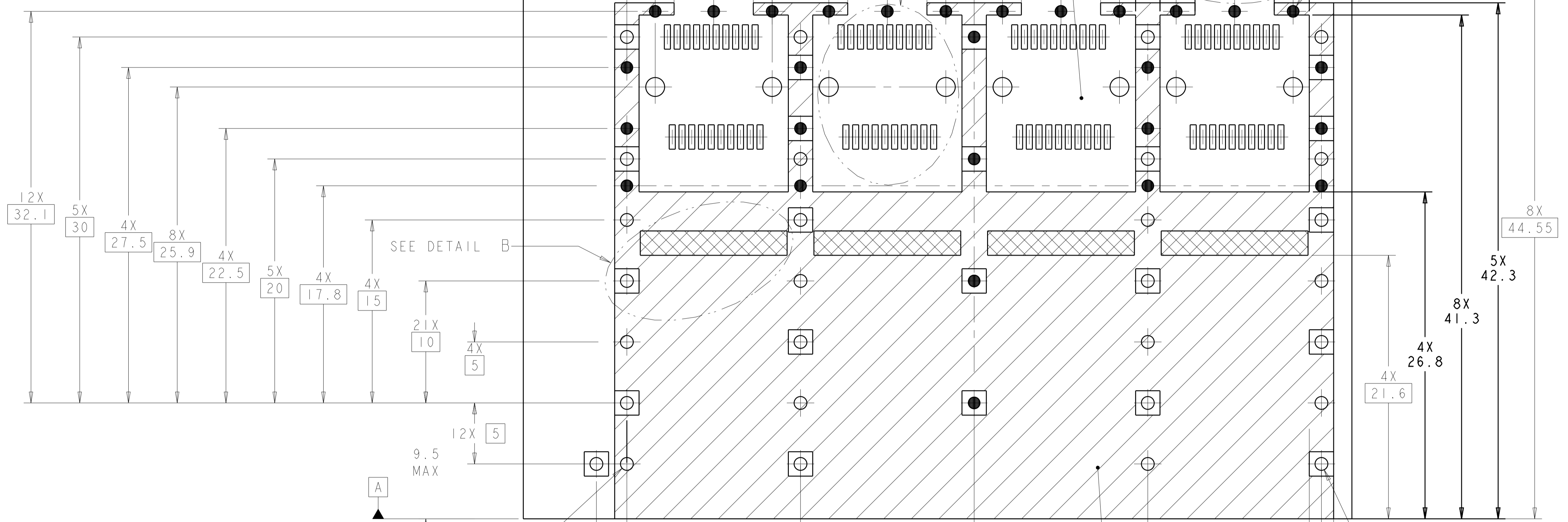
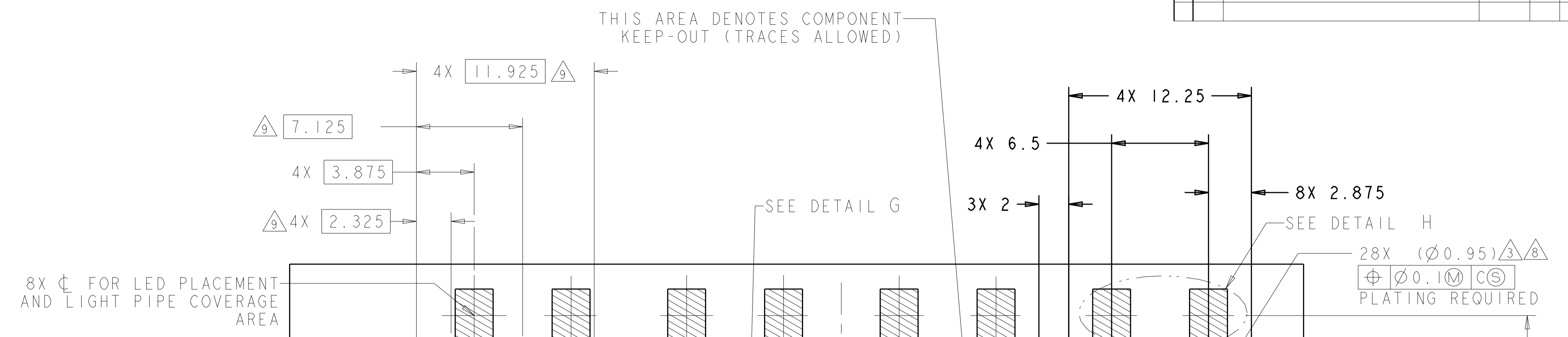
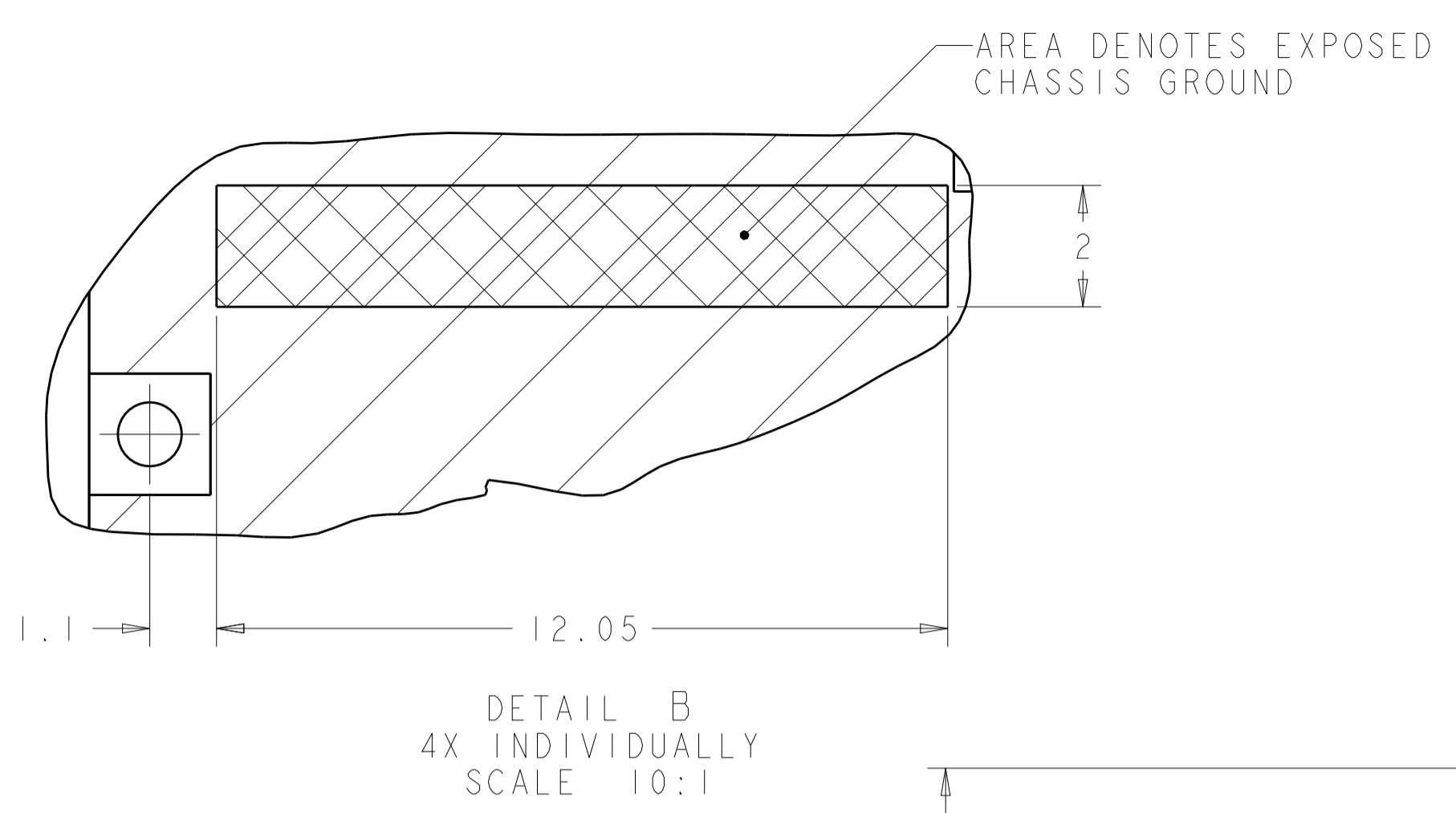
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| THIS DRAWING IS A CONTROLLED DOCUMENT.   |  | DWN: B. MATTHEWS 15NOV2011                               | <br>TE Connectivity   |
| DIMENSIONS: mm   |  | CHK: M. SCHMITT 15NOV2011                                |   |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:   |  | APVD: M. SCHMITT 15NOV2011                               | NAME: SFP+ ENHANCED 1X4 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE<br>PRODUCT SPEC: 108-2364<br>APPLICATION SPEC: 114-13120 |
| 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° |  | SIZE: 114-13120<br>WEIGHT: -<br>MATERIAL: -<br>FINISH: - |   |
| MATERIAL:  |  | Customer Drawing   | RESTRICTED TO: -<br>SCALE: 4:1 SHEET 2 OF 4 REV: A1   |



| LOC | DIST | REV | DATE | APPV |
|-----|------|-----|------|------|
| GP  | 00   |     |      |      |

| REVISIONS |             |      |    |      |
|-----------|-------------|------|----|------|
| NO.       | DESCRIPTION | DATE | BY | APPV |
| 1         | SEE SHEET 1 |      |    |      |



RECOMMENDED PCB CONFIGURATION WITH KEEP-OUT AREAS BELLY TO BELLY APPLICATIONS SCALE 5:1

CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

|  |  |   |   |
|--|--|---|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN: B. MATTHEWS 15NOV2011<br>CHK: M. SCHMITT 15NOV2011<br>APPV: M. SCHMITT 15NOV2011   | TE Connectivity                                     |
| DIMENSIONS:                            | TOLERANCES UNLESS OTHERWISE SPECIFIED:   | NAME: SFP+ ENHANCED 1X4 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE<br>PRODUCT SPEC: 108-2364<br>APPLICATION SPEC: 114-13120 | SIZE: 114-13120<br>WEIGHT: -<br>Customer Drawing    |
| mm                                     | 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° | CAGE CODE: A100779<br>DRAWING NO: C=2198233   | RESTRICTED TO: -<br>SCALE: 4:1 SHEET 4 OF 4 REV: A1 |

单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)