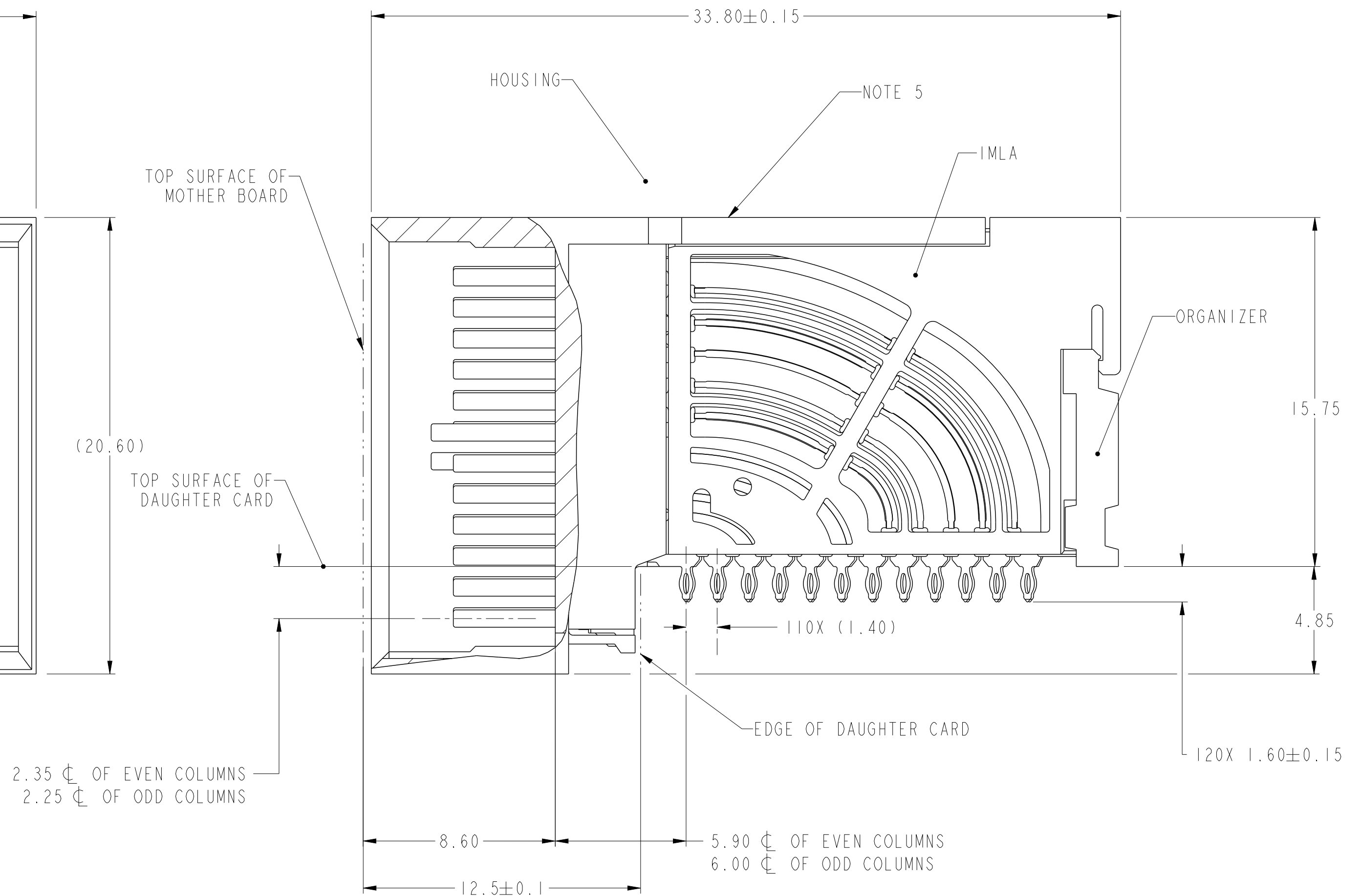
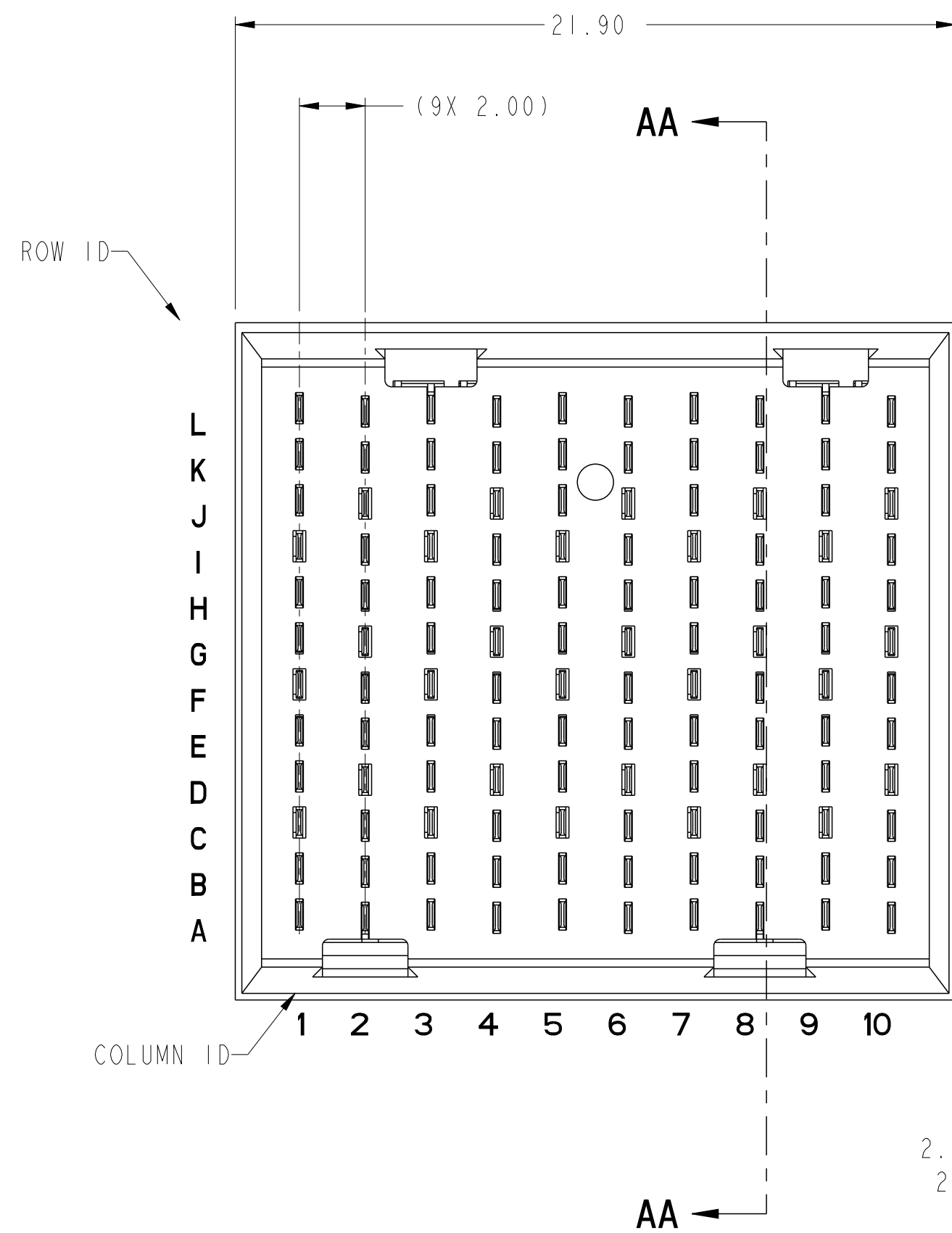
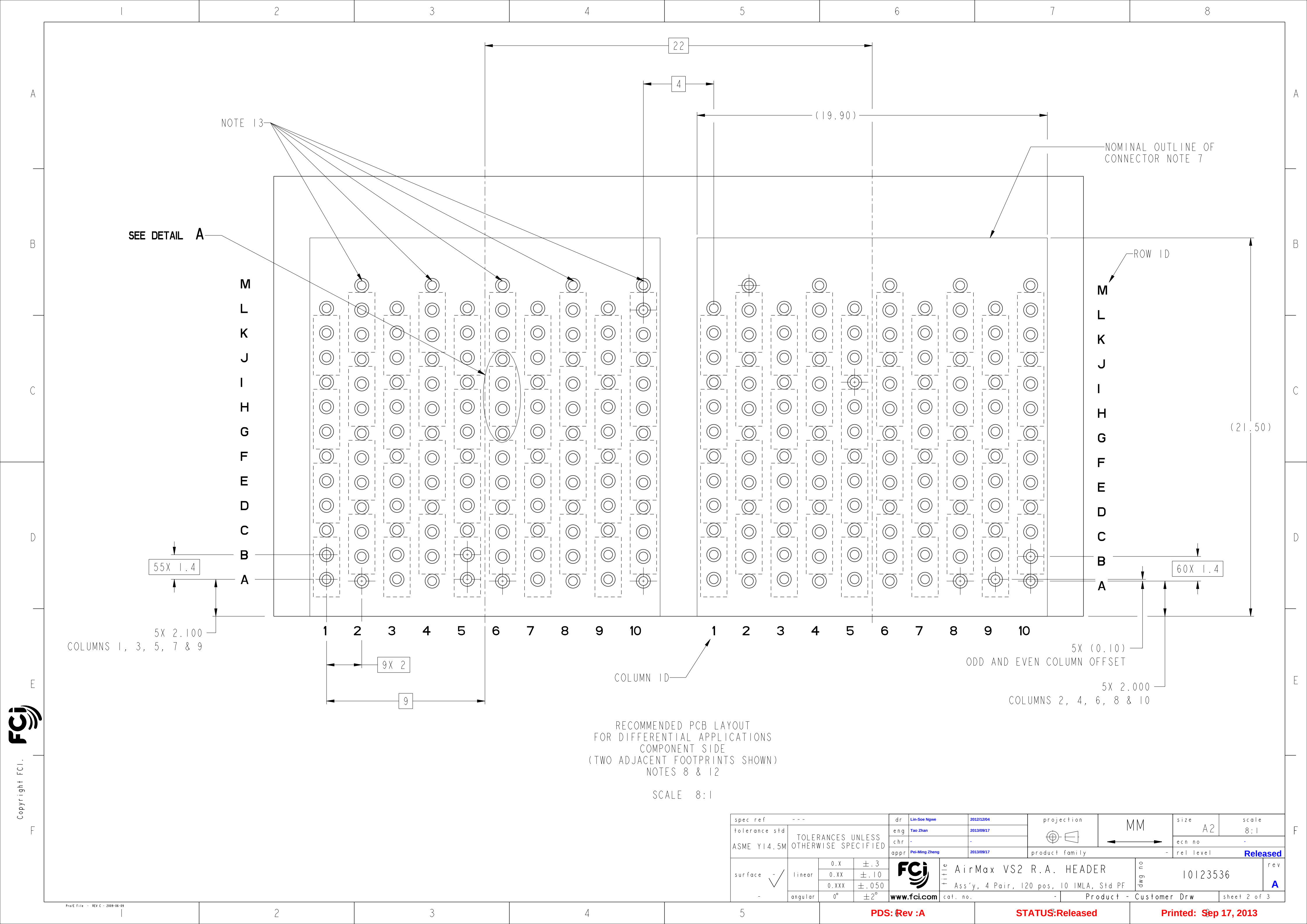




SECTION AA-AA

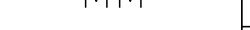
|                                                                                               |  |                                       |  |       |  |                |  |                                                                                       |  |                                                                                       |  |                                                                                       |  |           |  |              |  |              |  |       |  |      |  |
|-----------------------------------------------------------------------------------------------|--|---------------------------------------|--|-------|--|----------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|-----------|--|--------------|--|--------------|--|-------|--|------|--|
| spec ref                                                                                      |  | ---                                   |  | dr    |  | Lin-Soe Ngwe   |  | 2012/12/04                                                                            |  | projection                                                                            |  |  |  | MM        |  | size         |  | A2           |  | scale |  | 10:1 |  |
| tolerance std                                                                                 |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  | eng   |  | Tao Zhan       |  | 2013/09/17                                                                            |  |  |  |  |  | ecn no    |  | -            |  | Released     |  |       |  |      |  |
| ASME Y14.5M                                                                                   |  |                                       |  | chr   |  | -              |  | -                                                                                     |  |                                                                                       |  |                                                                                       |  |           |  |              |  |              |  |       |  |      |  |
|                                                                                               |  |                                       |  | appr  |  | Pei-Ming Zheng |  | 2013/09/17                                                                            |  | product family                                                                        |  | -                                                                                     |  | rel level |  |              |  |              |  |       |  |      |  |
| surface  |  | linear                                |  | 0.X   |  | ±.3            |  |  |  | title                                                                                 |  | AirMax VS2 R.A. HEADER                                                                |  | dwg no    |  | 10123536     |  | rev          |  | A     |  |      |  |
|                                                                                               |  |                                       |  | 0.XX  |  | ±.10           |  |                                                                                       |  |                                                                                       |  |                                                                                       |  |           |  |              |  |              |  |       |  |      |  |
|                                                                                               |  |                                       |  | 0.XXX |  | ±.050          |  |                                                                                       |  |                                                                                       |  |                                                                                       |  |           |  |              |  |              |  |       |  |      |  |
| -                                                                                             |  | angular                               |  | 0°    |  | ±2°            |  | www.fci.com                                                                           |  | cat. no.                                                                              |  | -                                                                                     |  | Product-  |  | Customer Drw |  | sheet 1 of 3 |  |       |  |      |  |



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RECOMMENDED PCB LAYOUT  
FOR DIFFERENTIAL APPLICATIONS  
COMPONENT SIDE  
(TWO ADJACENT FOOTPRINTS SHOWN)  
NOTES 8 & 12

SCALE 8:1

|                                                                                                                       |  |                     |                 |  |                                                                                                                 |                                         |                                                                                                                        |                                                                                                                |                |        |                        |  |       |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------|-----------------|--|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------|--------|------------------------|--|-------|
| spec ref ---                                                                                                          |  |                     | dr Lin-Soe Ngwe |  | 2012/12/04                                                                                                      |                                         | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size A2        |        | scale 8:1              |  |       |
| tolerance std                                                                                                         |  | eng Tao Zhan        |                 |  |                                                                                                                 | 2013/09/17                              |                                                                                                                        |                                                                                                                | ecn no -       |        | Released               |  |       |
| ASME Y14.5M                                                                                                           |  | chr -               |                 |  |                                                                                                                 | -                                       |                                                                                                                        |                                                                                                                | rel level      |        |                        |  |       |
|                                                                                                                       |  | appr Pei-Ming Zheng |                 |  |                                                                                                                 | 2013/09/17                              |                                                                                                                        |                                                                                                                | product family |        | -                      |  |       |
| <div>surface </div> <div>-</div> |  | linear              | 0.X ±.3         |  | <div>FCi</div> <div></div> | title AirMax VS2 R.A. HEADER            |                                                                                                                        |                                                                                                                |                | dwg no | 10123536               |  | rev A |
|                                                                                                                       |  |                     | 0.XX ±.10       |  |                                                                                                                 |                                         |                                                                                                                        |                                                                                                                |                |        |                        |  |       |
|                                                                                                                       |  |                     | 0.XXX ±.050     |  |                                                                                                                 | Ass'y, 4 Pair, 120 pos, 10 IMLA, Std PF |                                                                                                                        |                                                                                                                |                |        |                        |  |       |
|                                                                                                                       |  | angular             | 0° ±2°          |  |                                                                                                                 | www.fci.com                             |                                                                                                                        | cat. no. -                                                                                                     |                |        | Product - Customer Drw |  |       |

PDS: Rev :A

STATUS:Released

Printed: Sep 17, 2013

A

B

C

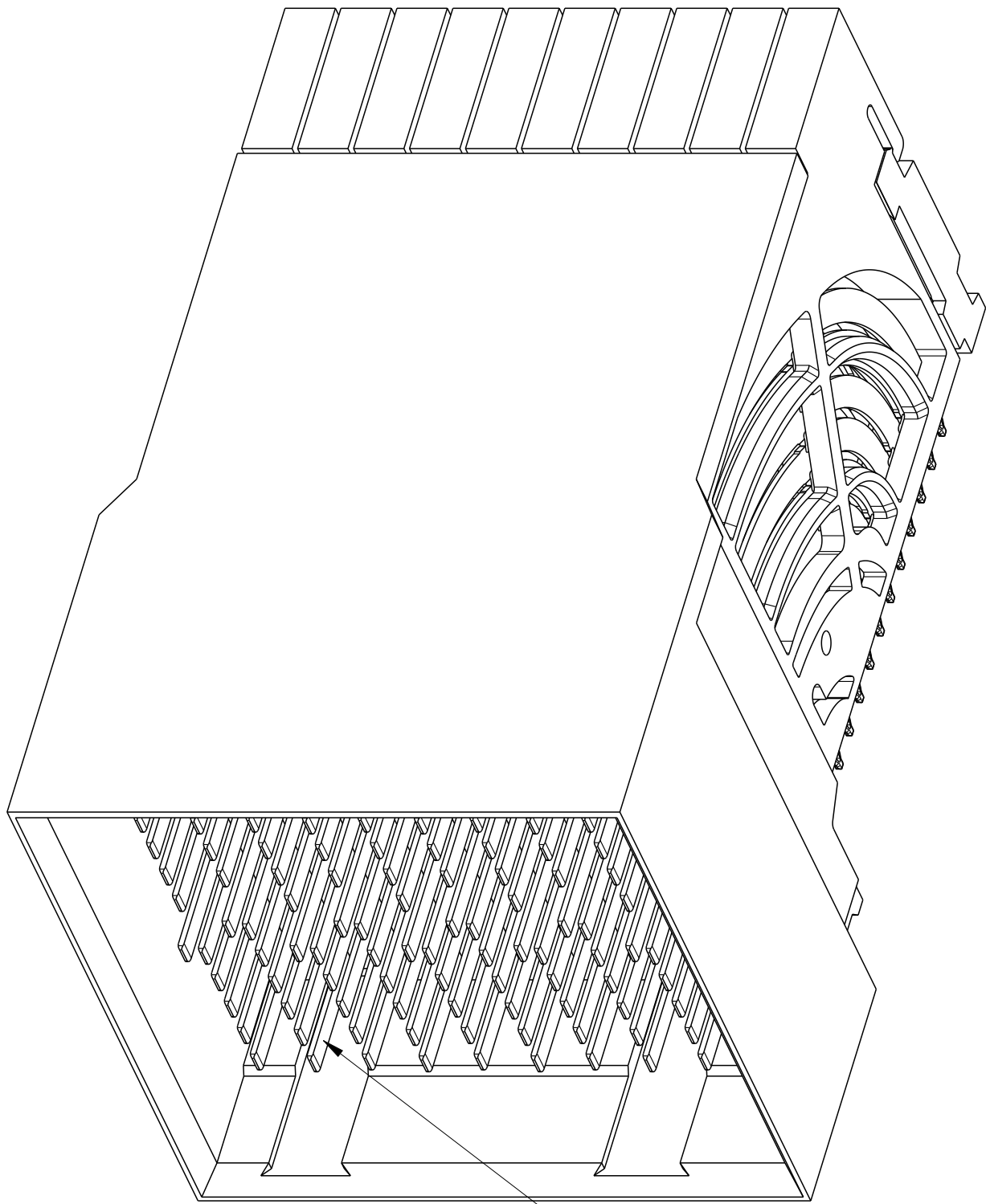
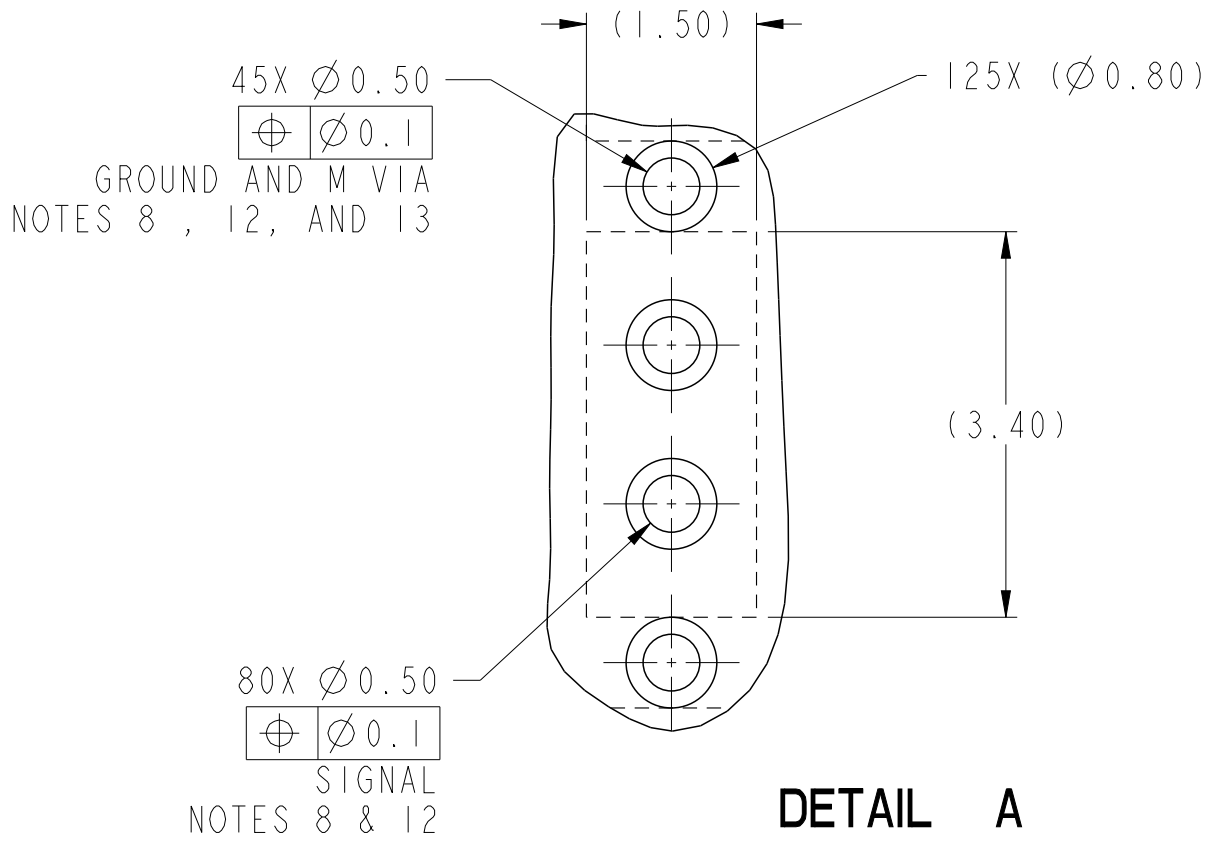
D

E

F

| PRODUCT NUMBER | PRESS-FIT TAIL PLATING TYPE | REMARK          |
|----------------|-----------------------------|-----------------|
| 10123536-101   | TIN/LEAD ALLOY OVER NICKEL  | 1-SIDE PLATING  |
| 10123536-101LF | TIN OVER NICKEL (LEAD FREE) |                 |
| 10123536-102   | TIN/LEAD ALLOY OVER NICKEL  | 2-SIDES PLATING |
| 10123536-102LF | TIN OVER NICKEL (LEAD FREE) |                 |

- 1 - CONNECTOR MATERIALS:  
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0  
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0  
CONTACT: COPPER ALLOY  
ORGANIZER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
- 2 - CONTACT PLATING:  
SEPARABLE INTERFACE:  
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-0956 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE
- PRESS-FIT TAILS: SEE TABLE
- 3 - PRODUCT SPECIFICATION: GS-12-0956
- 4 - APPLICATION SPECIFICATION: GS-20-0305
- 5 - PRODUCT MARKING, (PROTOTYPE, PART NUMBER & LOT CODE), ON THIS SURFACE.
- 6 - POSITIONS "F" OF ODD NUMBERED COLUMNS AND POSITIONS "G" OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS.
- 7 - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR CONNECTOR PLACEMENT.
- 8 - REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS
- 9 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- 10 - A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE, WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION
- 11 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- 12 - GROUND CONTACTS (C, F, I & L IN ODD COLUMNS AND A, D, G & J IN EVEN COLUMNS) REQUIRE (Ø0.50) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.50) FINISHED HOLES
- 13 - THESE OUTER VIAS (M) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECOMMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.



10123536-101 OR -101LF  
10123536-102 OR -102LF

ONE SIDE PLATING

|               |                      |                      |                |             |                |                                                                   |          |          |                        |              |
|---------------|----------------------|----------------------|----------------|-------------|----------------|-------------------------------------------------------------------|----------|----------|------------------------|--------------|
| spec ref      | ---                  | dr                   | Lin-Soe Ngwe   | 2012/12/04  | projection     | MM                                                                | size     | A2       | scale                  | 10:1         |
| tolerance std | ASME Y14.5M          | eng                  | Tao Zhan       | 2013/09/17  | chr            | -                                                                 | ecn no   | -        | rel level              | Released     |
| surface       | ✓                    | appr                 | Pei-Ming Zheng | 2013/09/17  | product family | -                                                                 | cat. no. | -        | Product - Customer Drw | sheet 3 of 3 |
| linear        | 0.X<br>0.XX<br>0.XXX | ±.3<br>±.10<br>±.050 | FCI            | www.fci.com | title          | AirMax VS2 R.A. HEADER<br>Ass'y, 4 Pair, 120 pos, 10 IMLA, Std PF | dwg no   | 10123536 | rev                    | A            |
| angular       | 0°                   | ±2°                  |                |             |                |                                                                   |          |          |                        |              |