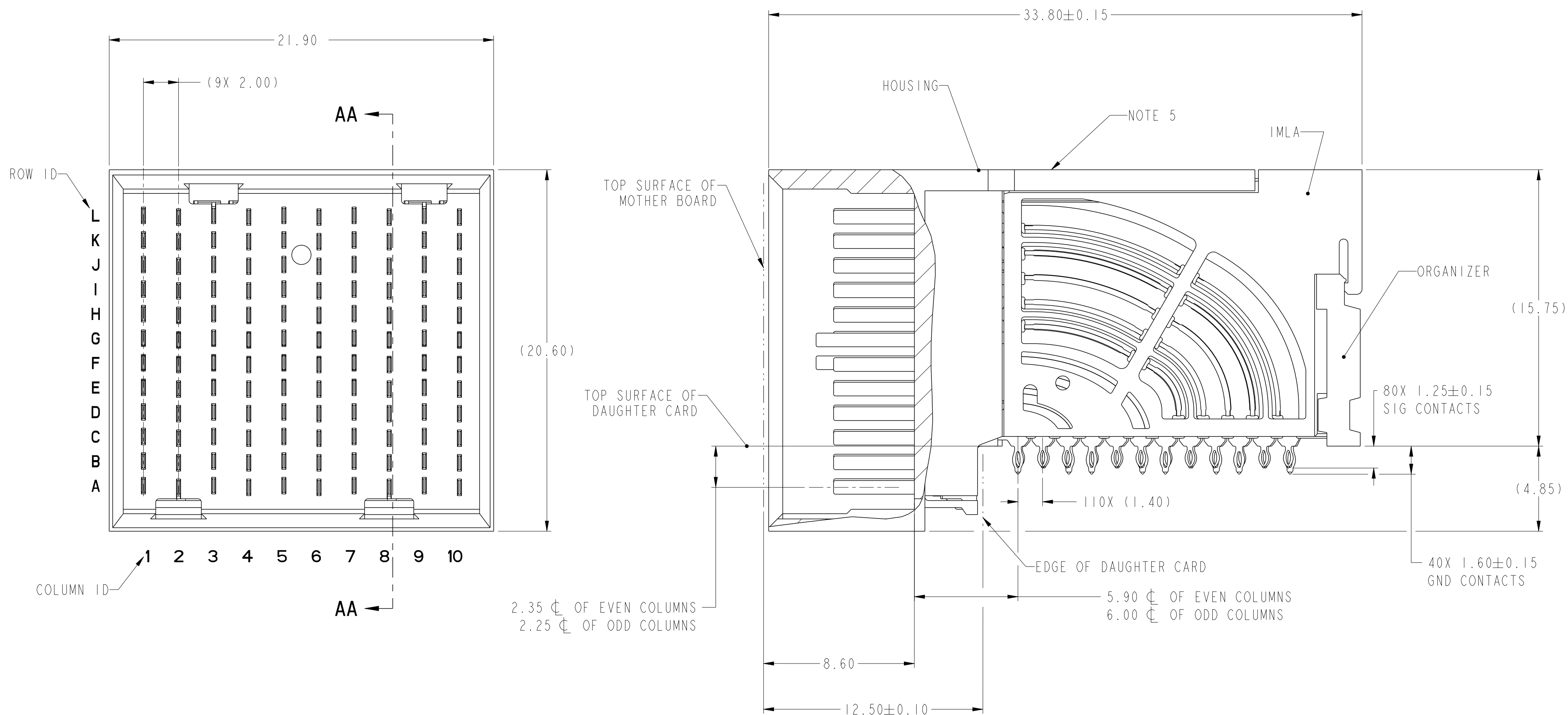
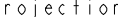
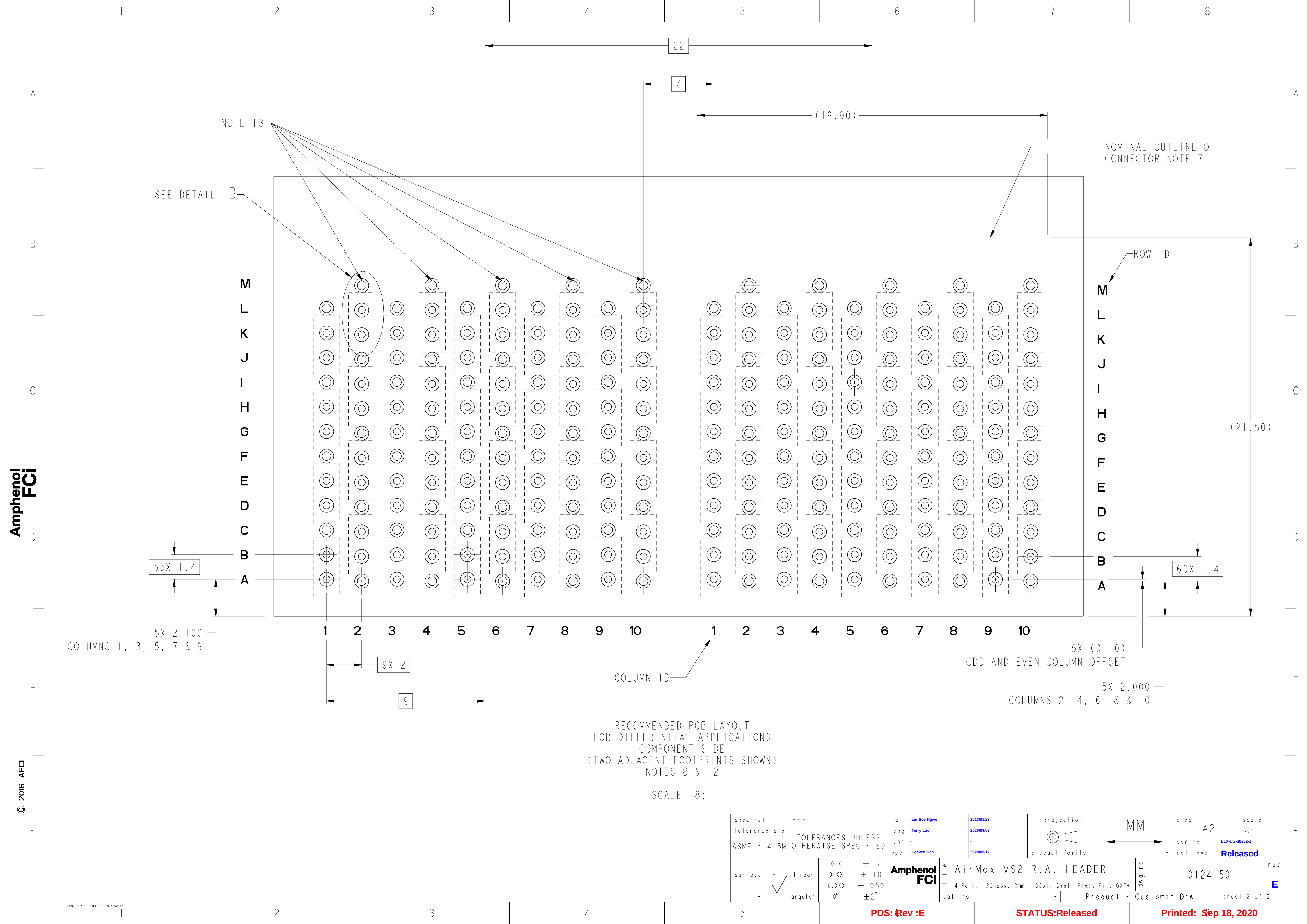




## SECTION AA-AA

|               |  |                                       |  |         |  |              |  |            |  |                        |  |                                                                                       |  |                                                                                       |  |           |  |                |  |      |  |   |  |      |  |
|---------------|--|---------------------------------------|--|---------|--|--------------|--|------------|--|------------------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|-----------|--|----------------|--|------|--|---|--|------|--|
| spec ref      |  | ---                                   |  | dr      |  | Lin-See Ngwe |  | 2013/01/23 |  | projection             |  | MM                                                                                    |  | size                                                                                  |  | A2        |  | scale          |  | 10:1 |  |   |  |      |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |         |  | eng          |  | Terry Luo  |  | 2020/09/08             |  |  |  |  |  | ecn no    |  | ELX-DG-38252-1 |  |      |  |   |  |      |  |
| ASME Y14.5M   |  |                                       |  |         |  | chr          |  | -          |  | -                      |  |                                                                                       |  |                                                                                       |  |           |  |                |  |      |  |   |  |      |  |
|               |  |                                       |  |         |  | appr         |  | Heaven Cen |  | 2020/09/17             |  | product family                                                                        |  | -                                                                                     |  | rel level |  | Released       |  |      |  |   |  |      |  |
| surface       |  | - ✓                                   |  | linear  |  | Amphenol FCI |  | title      |  | AirMax VS2 R.A. HEADER |  |                                                                                       |  | dwg no                                                                                |  | 10124150  |  |                |  | rev  |  | E |  |      |  |
|               |  |                                       |  | 0.X     |  |              |  |            |  |                        |  |                                                                                       |  |                                                                                       |  |           |  |                |  |      |  |   |  | ±.3  |  |
|               |  |                                       |  | 0.XX    |  |              |  |            |  |                        |  |                                                                                       |  |                                                                                       |  |           |  |                |  |      |  |   |  | ±.10 |  |
|               |  |                                       |  | 0.XXX   |  | ±.050        |  |            |  |                        |  |                                                                                       |  |                                                                                       |  |           |  |                |  |      |  |   |  |      |  |
|               |  |                                       |  | angular |  | 0°           |  | ±0°        |  | cat. no.               |  | -                                                                                     |  | Product - Customer Drw                                                                |  |           |  | sheet 1 of 3   |  |      |  |   |  |      |  |



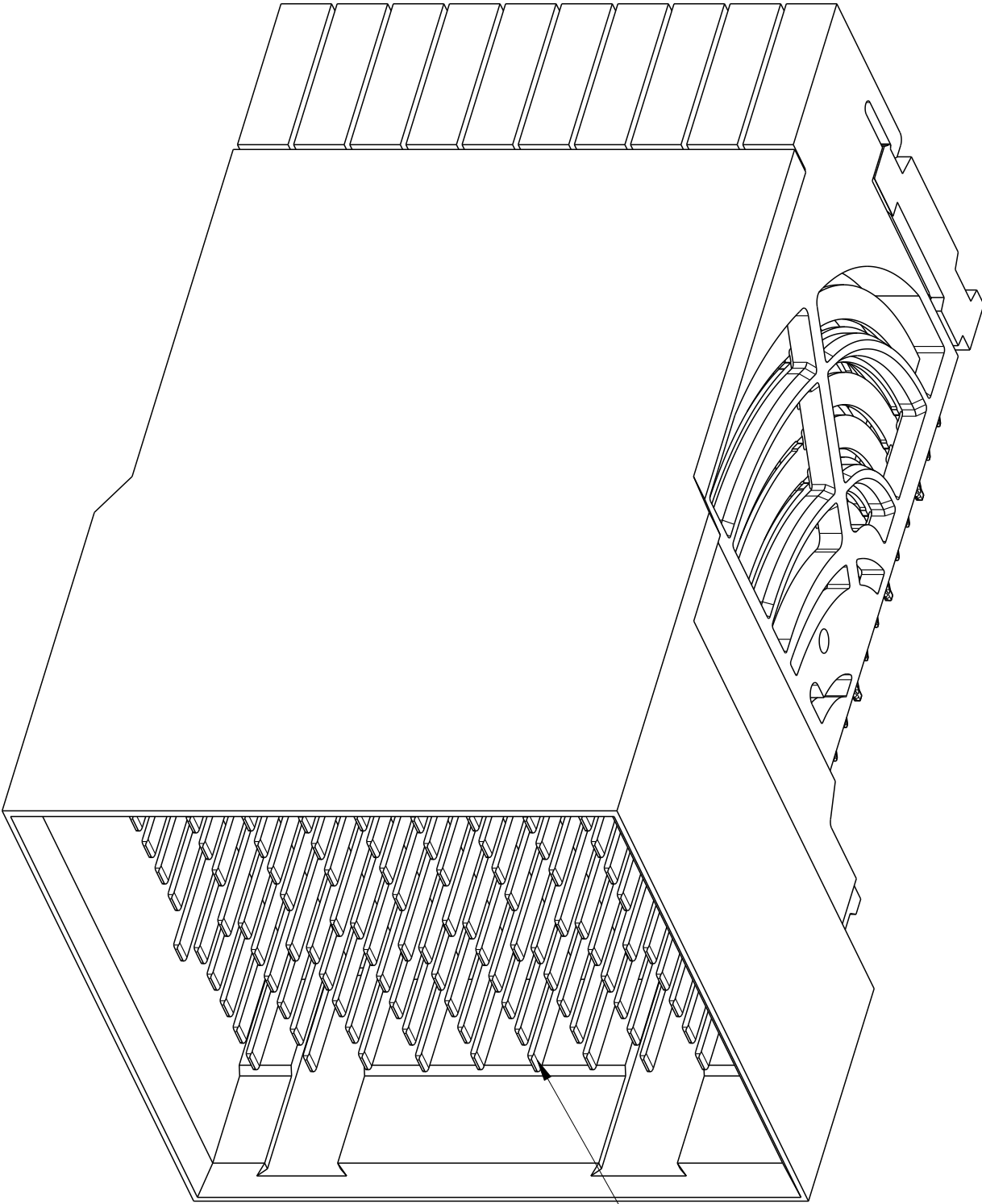
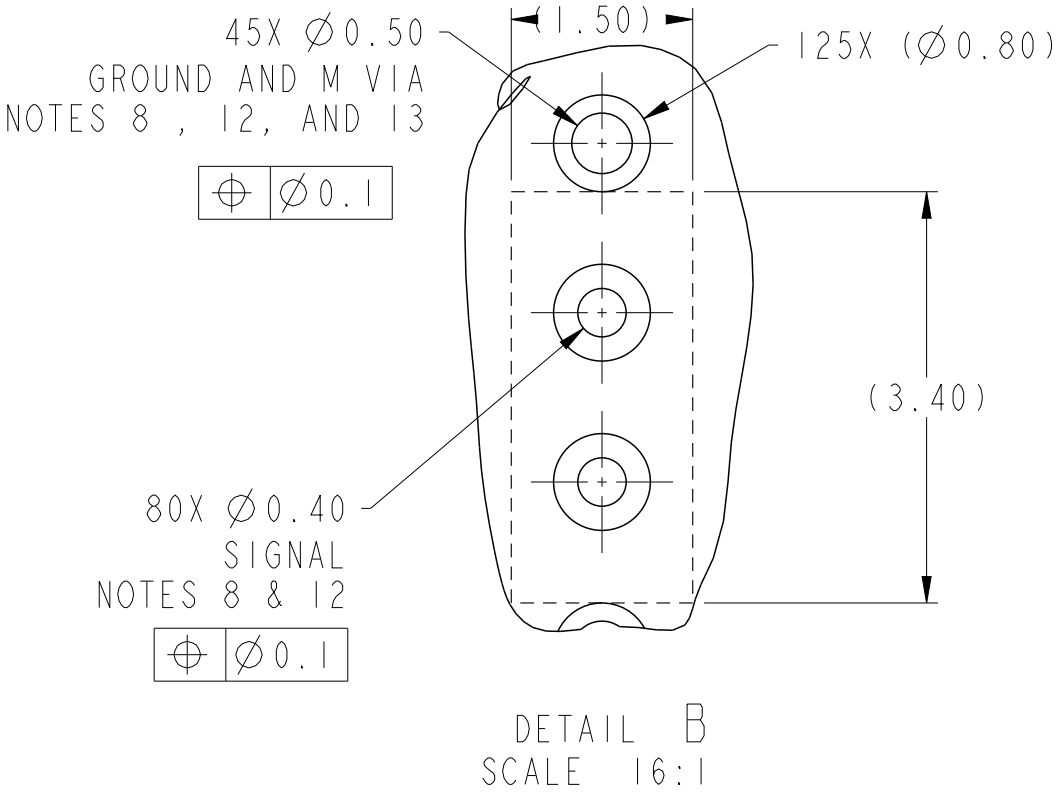
Amphenol  
FCi

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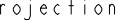
|                           |        |         |       |                               |              |                                                    |                |               |        |                |              |     |     |   |
|---------------------------|--------|---------|-------|-------------------------------|--------------|----------------------------------------------------|----------------|---------------|--------|----------------|--------------|-----|-----|---|
| spec ref ---              |        |         |       | dr                            | Lin-Soe Ngwe | 2013/01/23                                         |                | <div>MM</div> | size   | A2             | scale        | 8:1 |     |   |
| tolerance std             |        |         |       | eng                           | Terry Luo    | 2020/09/08                                         |                |               | ecn no | ELX-DG-38252-1 |              |     |     |   |
| ASME Y14.5M               |        |         |       | chr                           | -            | -                                                  |                |               |        | rel level      | Released     |     |     |   |
|                           |        |         |       | appr                          | Heaven Cen   | 2020/09/17                                         | product family |               |        |                |              |     |     |   |
| <div>surface -<br/></div> | linear | 0.X     | ±.3   | <b>Amphenol</b><br><b>FCI</b> | title        | AirMax VS2 R.A. HEADER                             |                |               |        | dwg no         | 10124150     |     | rev | E |
|                           |        | 0.XX    | ±.10  |                               |              |                                                    |                |               |        |                |              |     |     |   |
|                           |        | 0.XXX   | ±.050 |                               |              | 4 Pair, 120 pos, 2mm, 10Col, Small Press Fit, GXT+ |                |               |        |                |              |     |     |   |
|                           |        | angular | 0°    |                               |              |                                                    |                |               |        |                | ±2°          |     |     |   |
|                           |        |         |       | cat. no.                      | -            | Product - Customer Drw                             |                |               |        |                | sheet 2 of 3 |     |     |   |

| PRODUCT NUMBER | PRESS-FIT TAIL PLATING TYPE | REMARK                            |
|----------------|-----------------------------|-----------------------------------|
| 10124150 -101  | TIN/LEAD ALLOY OVER NICKEL  | 1-SIDE PLATING (CUSTOMER SPECIAL) |
| 10124150-101LF | TIN OVER NICKEL (LEAD FREE) |                                   |
| 10124150-102   | TIN/LEAD ALLOY OVER NICKEL  | 2-SIDES PLATING                   |
| 10124150-102LF | 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:  
GXT PLUS 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 (Ø0.40) FINISHED HOLES
- 13 - THESE OUTER VIAS (M) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECCOMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.



10124150-101 OR -101LF  
10124150-102 OR -102LF

|               |   |                                       |       |       |                 |            |                        |                                                                                       |    |        |           |                |      |   |
|---------------|---|---------------------------------------|-------|-------|-----------------|------------|------------------------|---------------------------------------------------------------------------------------|----|--------|-----------|----------------|------|---|
| spec ref      |   | ---                                   |       | dr    | Lin-Soe Ngwe    | 2013/01/23 | projection             |  | MM | size   | A2        | scale          | 10:1 |   |
| tolerance std |   | TOLERANCES UNLESS OTHERWISE SPECIFIED |       | eng   | Terry Luo       | 2020/09/08 |                        |                                                                                       |    |        | ecn no    | ELX-DG-38252-1 |      |   |
| ASME Y14.5M   |   |                                       |       | chr   | -               | -          |                        |                                                                                       |    |        | rel level | Released       |      |   |
|               |   |                                       |       | appr  | Heaven Cen      | 2020/09/17 | product family         |                                                                                       | -  |        |           |                |      |   |
| surface       | - | linear                                | 0.X   | ±.3   | Amphenol<br>FCi | title      | AirMax VS2 R.A. HEADER |                                                                                       |    | dwg no | 10124150  |                | rev  | E |
|               |   |                                       | 0.XX  | ±.10  |                 |            |                        |                                                                                       |    |        |           |                |      |   |
|               |   |                                       | 0.XXX | ±.050 |                 |            |                        |                                                                                       |    |        |           |                |      |   |
| -             | ✓ | angular                               | 0°    | ±2°   | cat. no.        | -          | Product - Customer Drw |                                                                                       |    |        |           | sheet 3 of 3   |      |   |