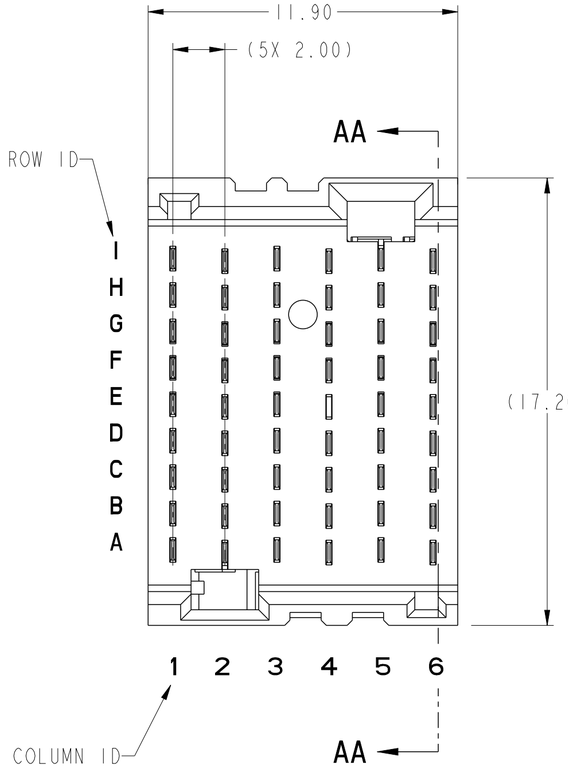
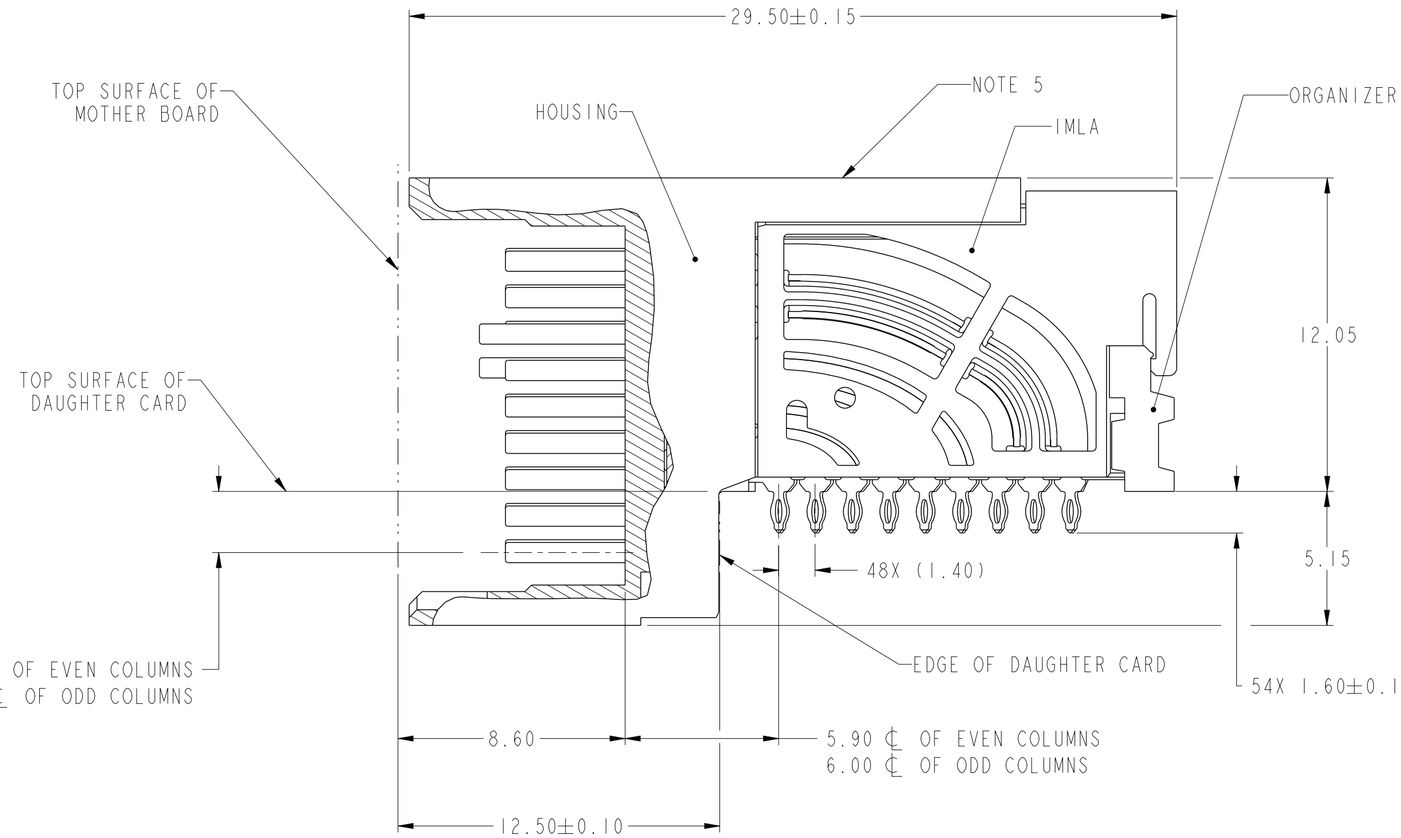
PRODUCT NUMBER

SEE SHEET 3



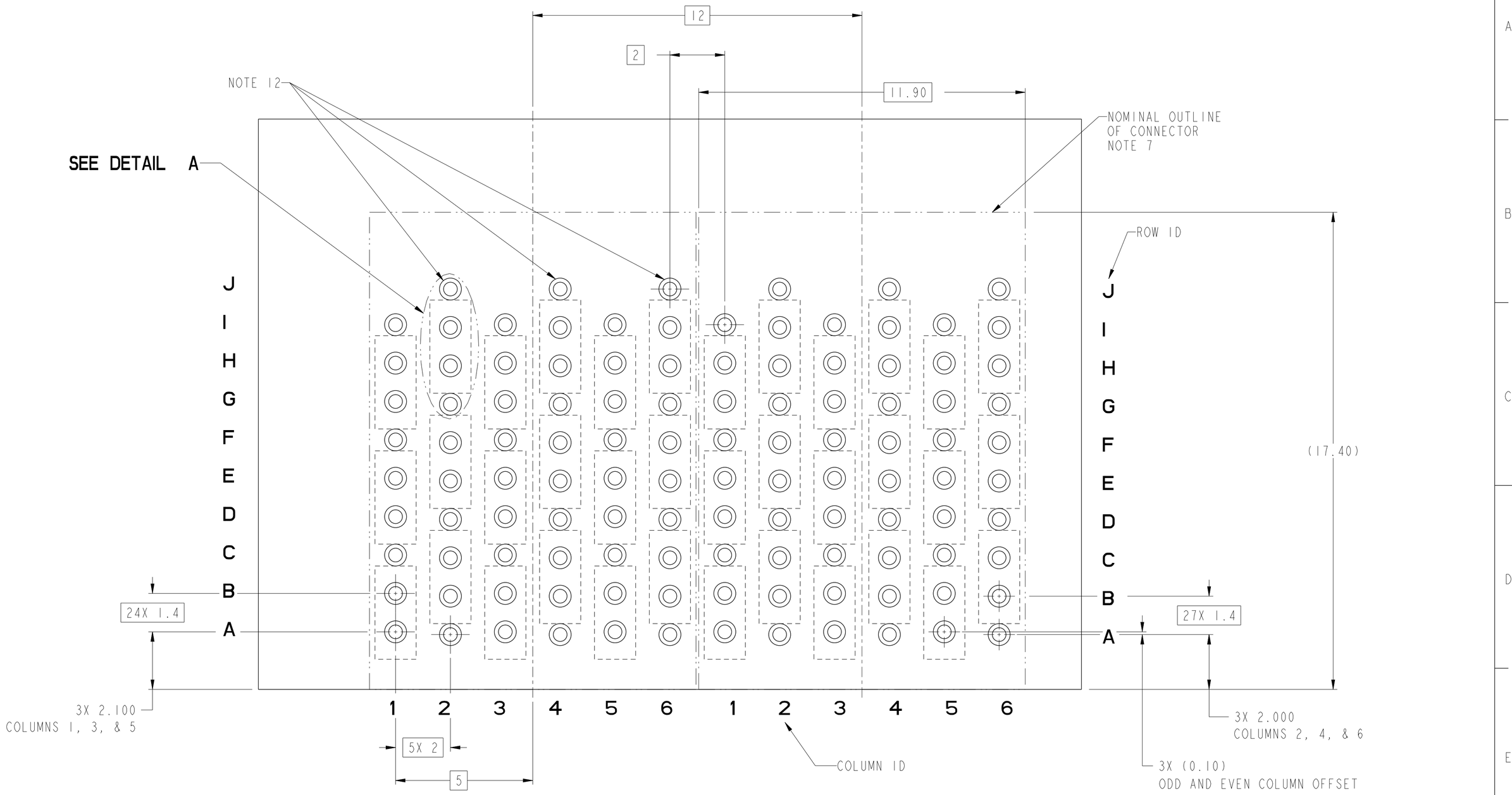

## SECTION AA-AA

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| spec ref --- | | | dr | Natarajan, Ana | 2013/01/07 | projection | MM | size A2 / scale 6:1 |
| tolerance std ASME Y14.5M | TOLERANCES UNLESS OTHERWISE SPECIFIED | | eng | Terry Luo | 2021/01/21 | | | ecn no - |
| | | | chr | - | - | | | rel level Released |
| | | | appr | Heaven Cen | 2021/01/21 | product family | AirMax VSE | |
| surface - | linear | 0.X ±.3 | Amphenol FCi | title | AirMax VS2 RA HEADER | | dwg no 10123887 | rev A |
| | | 0.XX ±.10 | | | 3 PAIR, 54 POS, 2MM, 6 CO,L 2 WALL, GXT+ | | | |
| | | 0.XXX ±.050 | | cat. no. | - | Product - Customer Drw | | sheet 1 of 3 |
| | angular | 0° ±2° | | | | | | |



Creo File:ELX-WC-A2C_REV F_2020-12-21

PDS: Rev :A STATUS: Released Printed: Jan 21, 2021




# RECOMMENDED PCB LAYOUT
# FOR DIFFERENTIAL APPLICATIONS
# COMPONENT SIDE
# (TWO ADJACENT FOOTPRINTS SHOWN)
# NOTES 8 & 11
# SCALE 10:1

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| spec ref | --- | | dr | Natarajan, Ana | 2013/01/07 | projection | MM |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | | eng | Terry Luo | 2021/01/21 | | |
| ASME Y14.5M | | | chr | - | - | | |
| | | | appr | Heaven Cen | 2021/01/21 | product family | AirMax VSE |
| surface - | linear | 0.X ±.3 | Amphenol FCi | title | AirMax VS2 RA HEADER | dwg no | 10123887 |
| | | 0.XX ±.10 | | | 3 PAIR, 54 POS, 2MM, 6 CO,L 2 WALL, GXT+ | | rev A |
| | | 0.XXX ±.050 | | | | | |
| | angular | 0° ±2° | | cat. no. - | Product - Customer Drw | | sheet 2 of 3 |

size A2 | scale 8:1 | ecn no - | rel level Released



Amphenol FCi

Creo File:ELX-WC-A2C_REV F_2020-12-21

PDS: Rev :A | STATUS: Released | Printed: Jan 21, 2021

| PRODUCT NUMBER | PRESS-FIT TAIL PLATING TYPE | PLATING SIDE |
|---|---|---|
| 10123887-101 | TIN/LEAD ALLOY OVER NICKEL | 1-SIDE PLATING CUSTOMER SPECIAL |
| 10123887-101LF | TIN OVER NICKEL (LEAD FREE) | |
| 10123887-102 | TIN/LEAD ALLOY OVER NICKEL | 2-SIDES PLATING |
| 10123887-102LF | 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, (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.

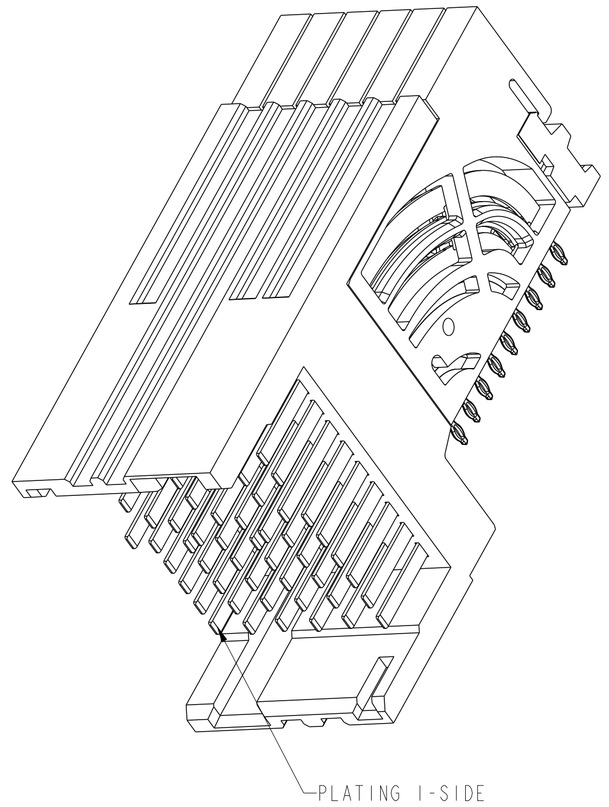
(8) - REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS

9 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

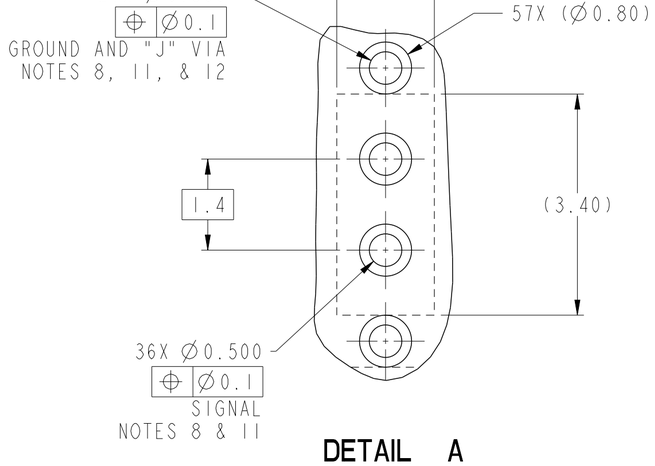
10 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

(11) - GROUND CONTACTS (C, F, & I IN ODD COLUMNS AND A, D, & G IN EVEN COLUMNS) REQUIRE (∅0.50) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (∅0.50) FINISHED HOLES

(12) - THESE OUTER VIAS (J) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECCOMMEND (∅0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.




10123887-101 OR 101LF




DETAIL A
SCALE 15:1



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| spec ref | --- | | dr | Natarajan, Ana | 2013/01/07 | projection | MM |
| tolerance std ASME Y14.5M | TOLERANCES UNLESS OTHERWISE SPECIFIED | | eng | Terry Luo | 2021/01/21 | | |
| | | | chr | - | - | size A2 | scale 5:1 |
| | | | appr | Heaven Cen | 2021/01/21 | ecn no - | |
| | | | | | | product family AirMax VSE | rel level Released |
| surface - | linear | 0.X ±.3 | Amphenol FCi | title | AirMax VS2 RA HEADER | dwg no 10123887 | rev A |
| | | 0.XX ±.10 | | | 3 PAIR, 54 POS, 2MM, 6 CO,L 2 WALL, GXT+ | | |
| | | 0.XXX ±.050 | | cat. no. - | | Product - Customer Drw | sheet 3 of 3 |
| | angular | 0° ±2° | | | | | |