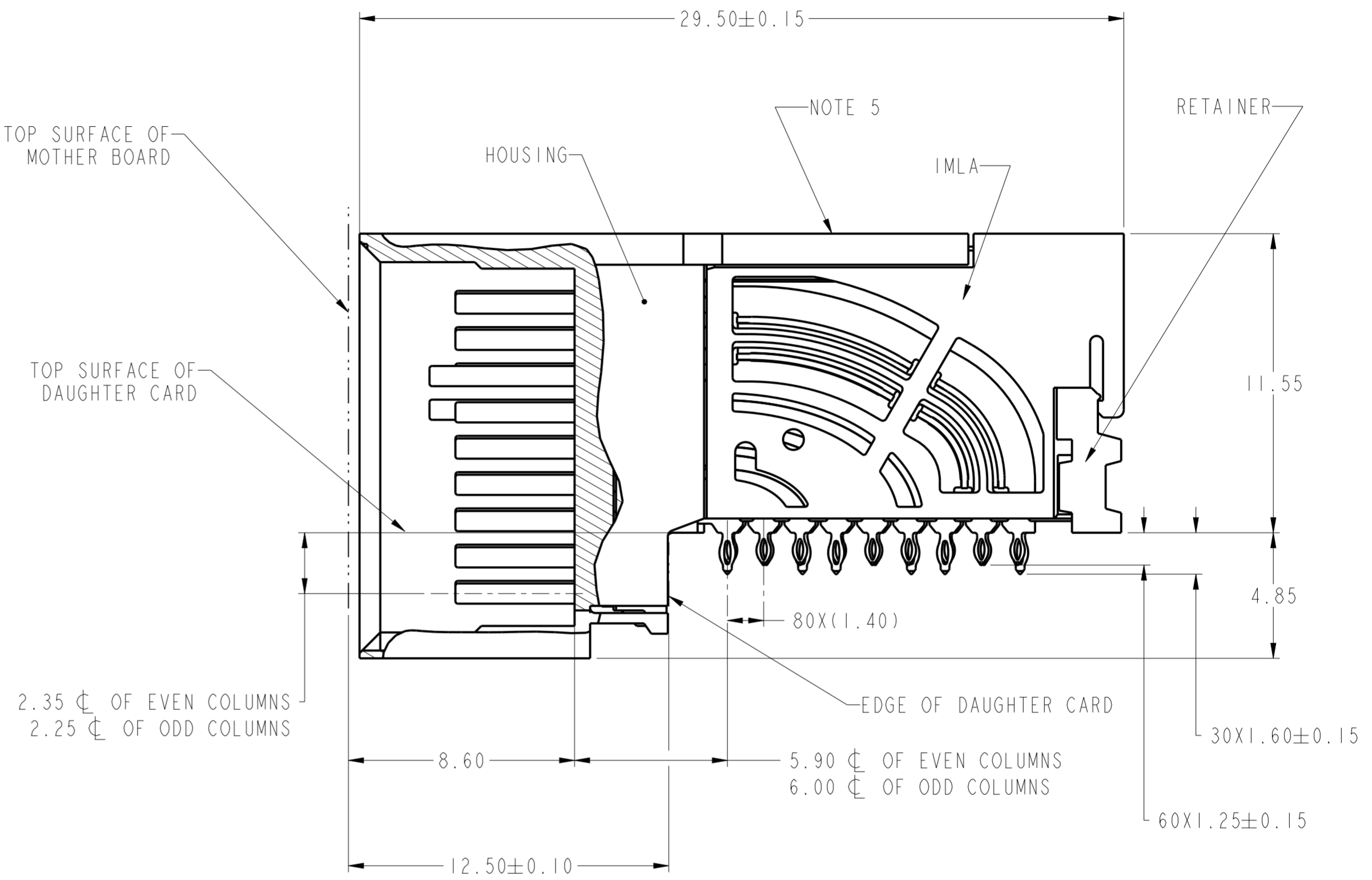
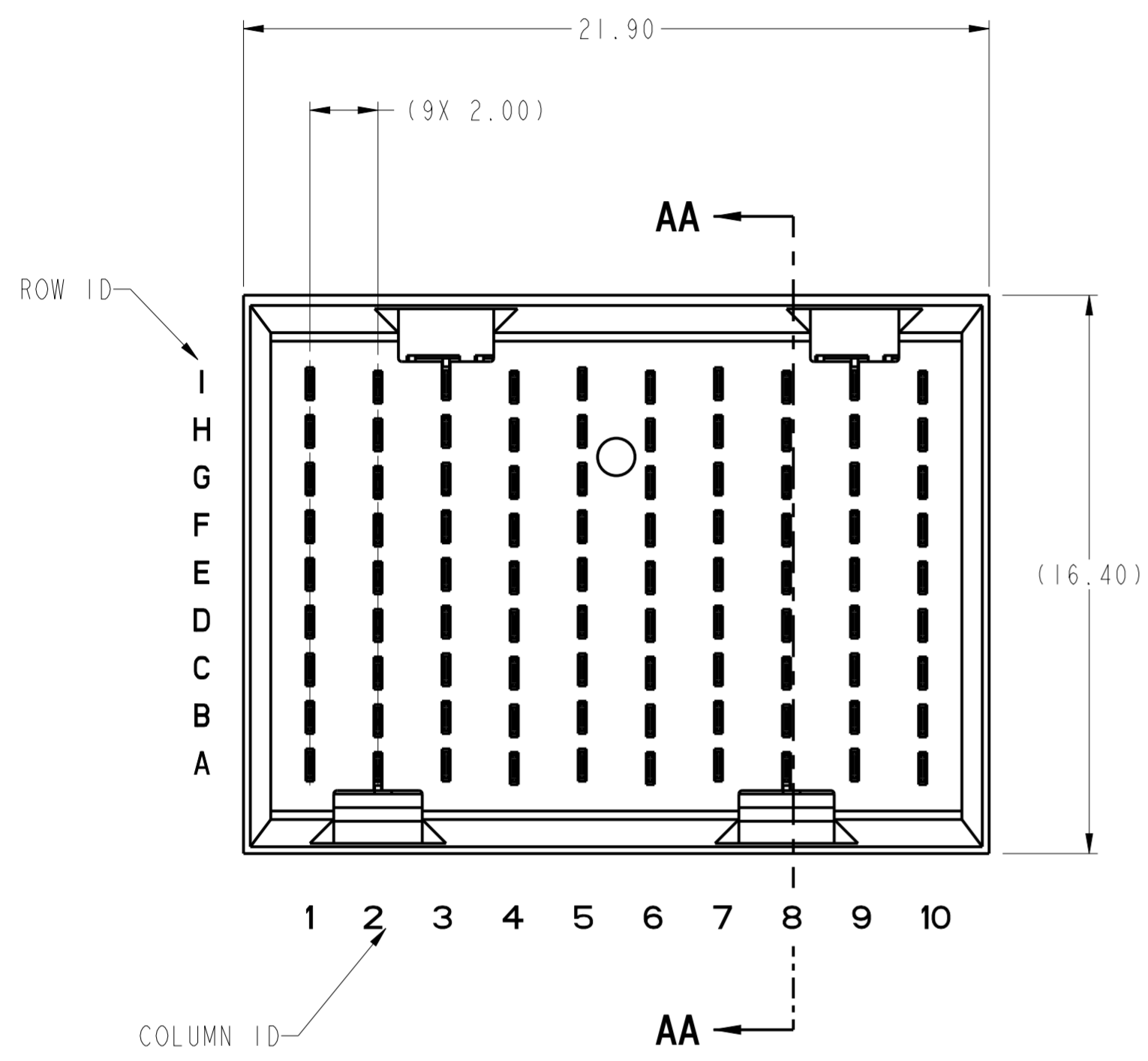


PRODUCT NUMBER
SEE SHEET 3



SECTION AA-AA

Amphenol
FCi

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spec ref	---	dr	Tao Zhan	2016/02/01	projection	MM	size	A2	scale	6:1												
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/16			ecn no	ELX-DG-25255-1														
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17				rel level	Released													
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.15</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±2°</td> </tr> </table>	linear	0.X	±.3		0.XX	±.15		0.XXX	±.050	angular	0°	±2°	appr	Pai-Ming Zheng	2016/11/18	product family	AirMax VSE		sig no	10136591	
linear	0.X	±.3																				
	0.XX	±.15																				
	0.XXX	±.050																				
angular	0°	±2°																				
					AirMax VS2 R.A. HEADER 3 PAIR 90 POS 2MM 10 COL SMALL PRESS FIT			rev	B													
					cat. no.	Product - Customer Drw		sheet 1 of 3														

PDS: Rev :B

STATUS: Released

Printed: Nov 22, 2016

SEE DETAIL A

NOTE 10

NOMINAL OUTLINE OF CONNECTOR NOTE 7

ROW ID

COLUMN ID

5X (0.10) ODD AND EVEN COLUMN OFFSET

40X

45X

5X 2.100 COLUMNS 1, 3, 5, 7 & 9

5X 2.000 COLUMNS 2, 4, 6, 8 & 10

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

SCALE 10:1

spec ref	---	dr	Tao Zhan	2016/02/01	projection	MM	size	A2	scale	10:1										
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/16			ecn no	ELX-DG-2525-1												
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17			rel level	Released												
surface	<table border="1"> <tr><td>linear</td><td>0.X</td><td>±.3</td></tr> <tr><td></td><td>0.XX</td><td>±.15</td></tr> <tr><td></td><td>0.XXX</td><td>±.050</td></tr> <tr><td>angular</td><td>0°</td><td>±2°</td></tr> </table>	linear	0.X	±.3		0.XX	±.15		0.XXX	±.050	angular	0°	±2°	appr	Pai-Ming Zheng	2016/11/18	product family			
linear	0.X	±.3																		
	0.XX	±.15																		
	0.XXX	±.050																		
angular	0°	±2°																		
		Amphenol FCI		AirMax VS2 R.A. HEADER		sig no 10136591		rev B												
				cat. no.		Product - Customer Drw		sheet 2 of 3												

PDS: Rev :B

STATUS: Released

Printed: Nov 22, 2016

Amphenol FCI

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PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	REMARK
10136591-101LF	TIN OVER NICKEL (LEAD FREE)	1-SIDE PLATING (CUSTOMER SPECIAL)
10136591-102LF	TIN OVER NICKEL (LEAD FREE)	2-SIDE PLATING

- 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

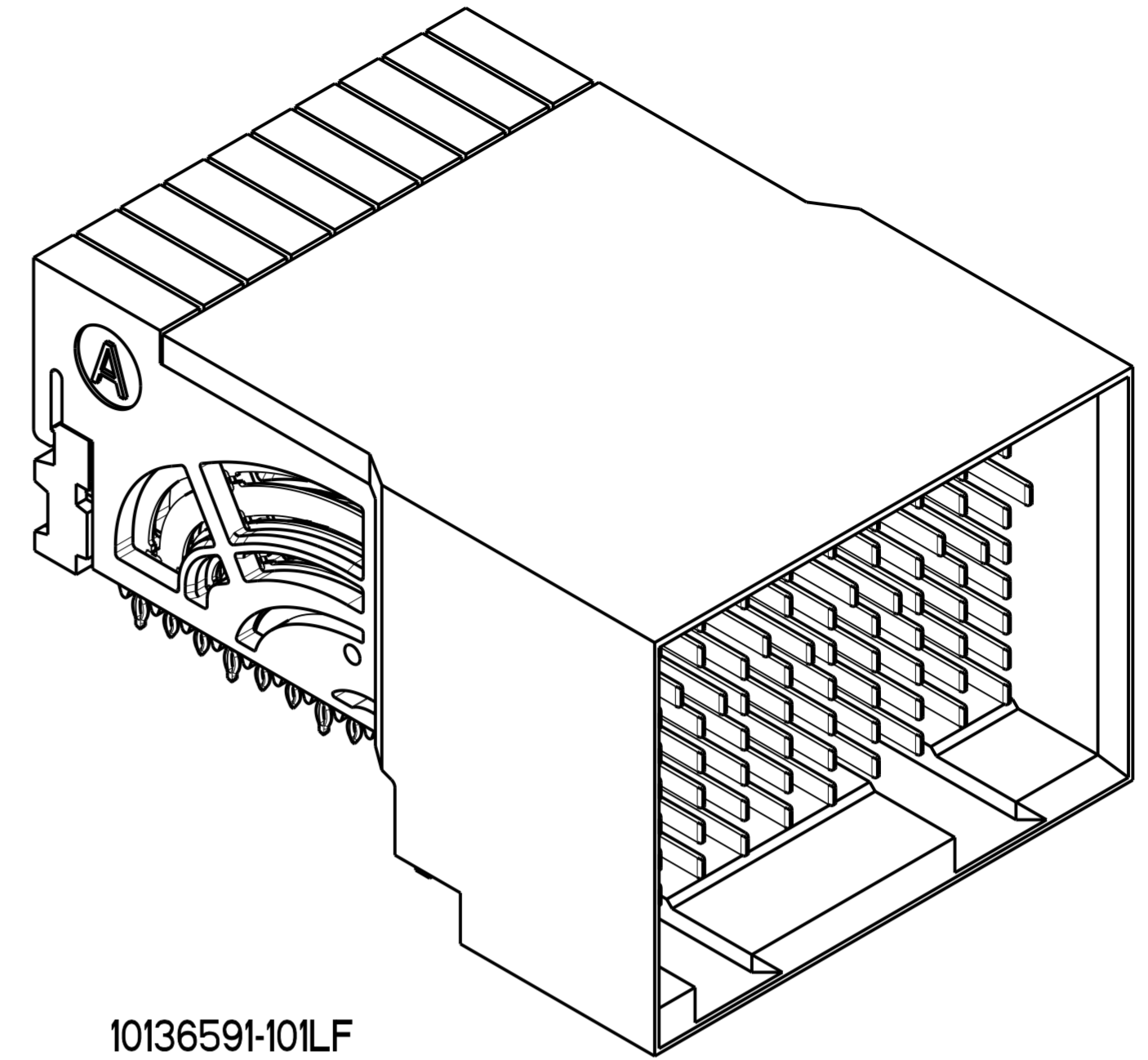
9 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

10 - THESE OUTER VIAS (J) 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.

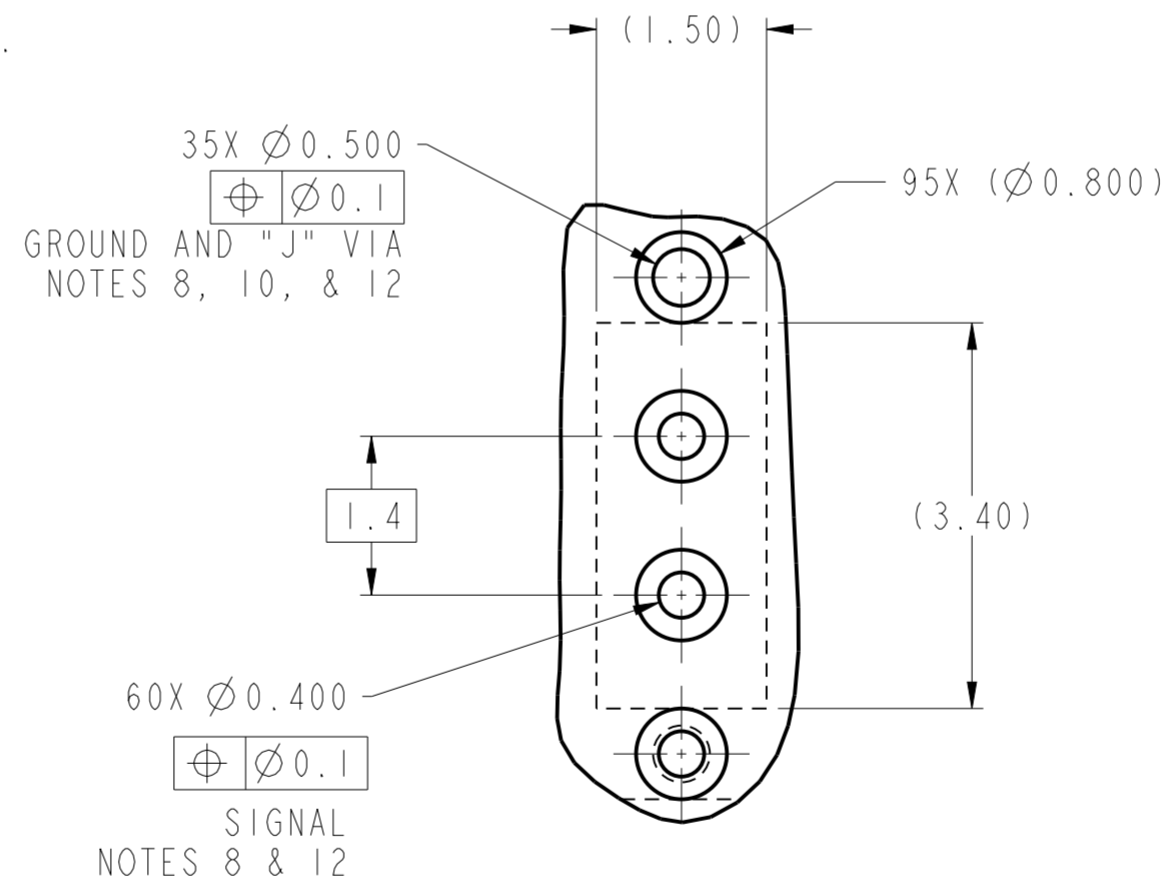
11 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

12 - GROUND CONTACTS (C, F, & I IN ODD COLUMNS AND A, D, & G IN EVEN COLUMNS) REQUIRE (Ø0.50) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.40) FINISHED HOLES

13 - A \triangle SYMBOL WILL BE NEXT TO ANY DIMENSIONS, VIEW OR NOTE, WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



10136591-101LF



DETAIL A
SCALE 15:1

spec ref	---	dr	Tao Zhan	2016/02/01	projection	MM	size	A2	scale	5:1													
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/16			ecn no	ELX-DG-2525-1															
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17			rel level	Released															
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.15</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±2°</td> </tr> </table>	linear	0.X	±.3		0.XX	±.15		0.XXX	±.050	angular	0°	±2°	appr	Pai-Ming Zheng	2016/11/18	product family	AirMax VSE		sig no	10136591	rev	B
linear	0.X	±.3																					
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angular	0°	±2°																					
		Amphenol FCI		title			AirMax VS2 R.A. HEADER		3 PAIR 90 POS 2MM 10 COL SMALL PRESS FIT		Product - Customer Drw	sheet 3 of 3											

Amphenol FCI

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