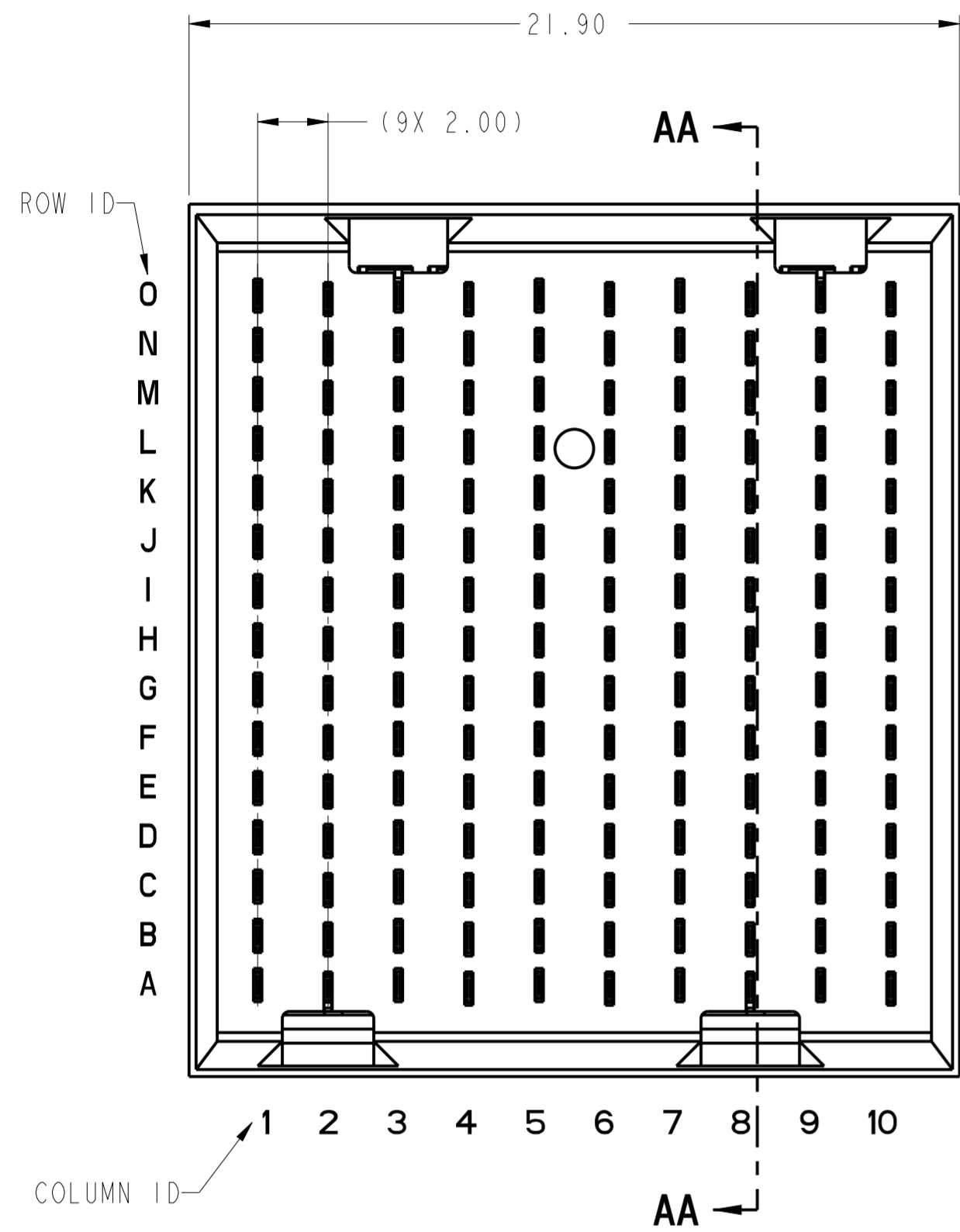
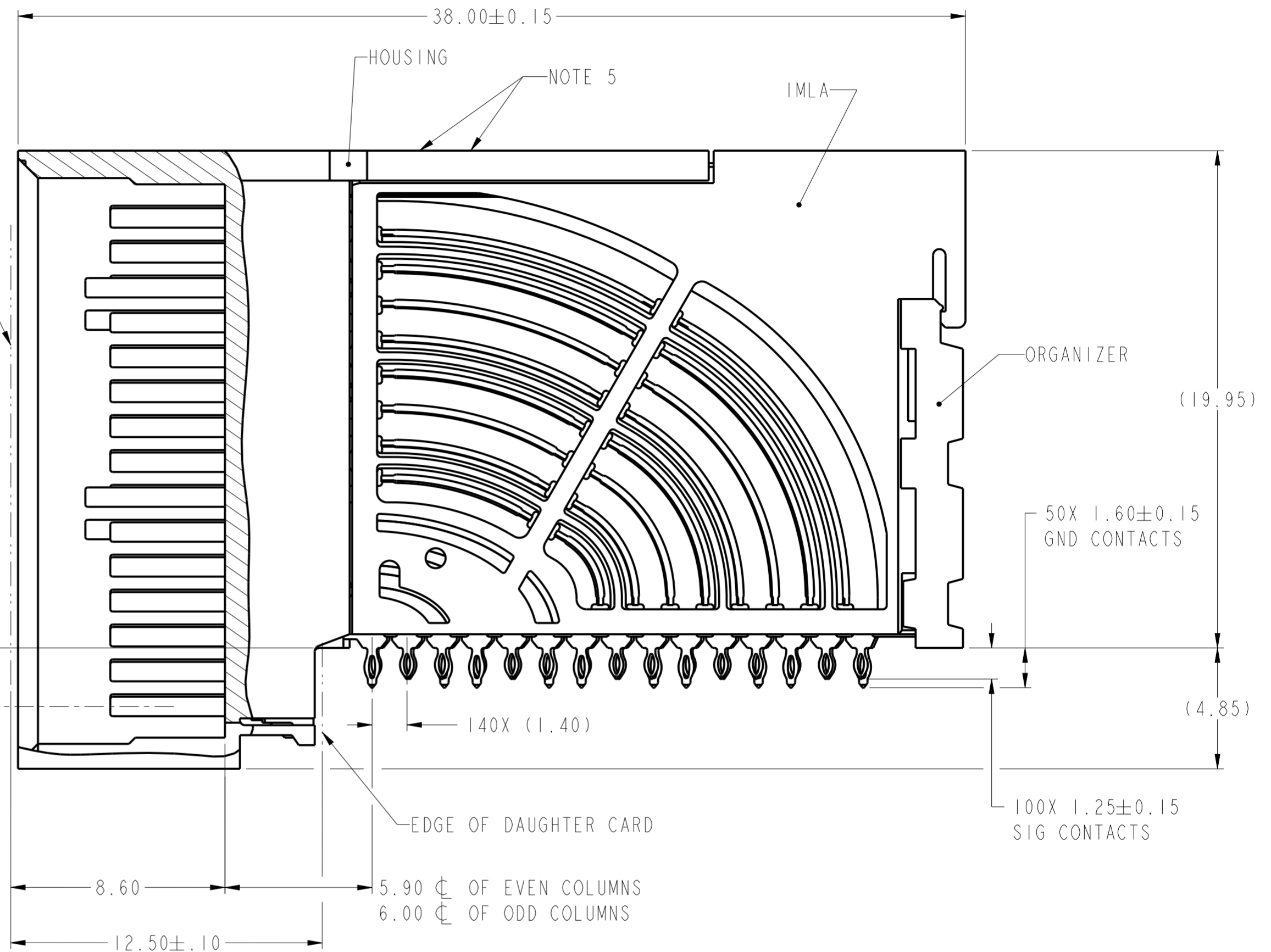


PRODUCT NUMBER  
SEE SHEET 3



2.35  $\phi$  OF EVEN COLUMNS  
2.25  $\phi$  OF ODD COLUMNS



SECTION AA-AA

spec ref	---	dr	Tao Zhan	2016/02/02	projection	MM	size	A2	scale	10:1
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/14			ecn no	ELX-DG-2525-1	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17						
surface	linear	0.X	±.3		product family		title <b>AirMax VS2 R.A. HEADER</b> 5 Pair, 150 pos, 2mm, 10Col, Small Press Fit	dwg no <b>10136596</b>	rev <b>B</b>	
		0.XX	±.15		cat. no.					Product - Customer Draw
	angular	0°	±2°		sheet 1 of 3					

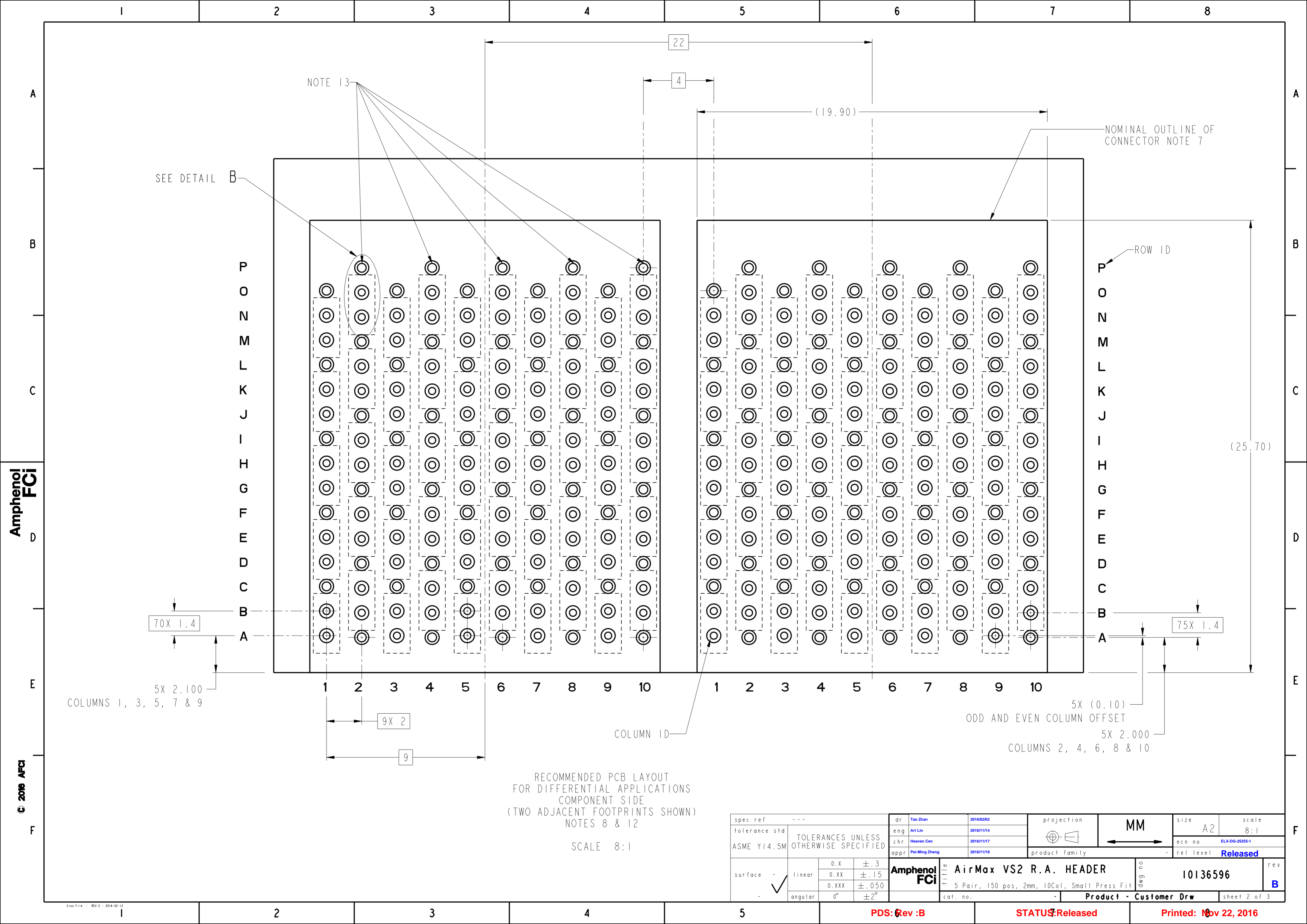
PDS: Rev :B

STATUS: Released

Printed: Nov 22, 2016

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NOTE 13

SEE DETAIL B

NOMINAL OUTLINE OF CONNECTOR NOTE 7

ROW ID

COLUMN ID

70X 1.4

75X 1.4

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

5X (0.10)  
ODD AND EVEN COLUMN OFFSET

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

9X 2

9

22

4

(19.90)

(25.70)

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

SCALE 8:1

spec ref	---	dr	Tao Zhan	2016/02/02	projection	MM	size	A2	scale	8:1
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/14			ecn no	ELX-DG-2525-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17				rel level	Released	
surface	-	appr	Pei-Ming Zheng	2016/11/18	product family	-		rel level	Released	
linear	0.X ±.3	Amphenol FCI		AirMax VS2 R.A. HEADER		cat. no.	10136596		rev	B
linear	0.XX ±.15	5 Pair, 150 pos, 2mm, 10Col, Small Press Fit		Product - Customer Drw		sheet 2 of 3				
linear	0.XXX ±.050									
angular	0° ±2°									

PDS: Rev :B

STATUS: Released

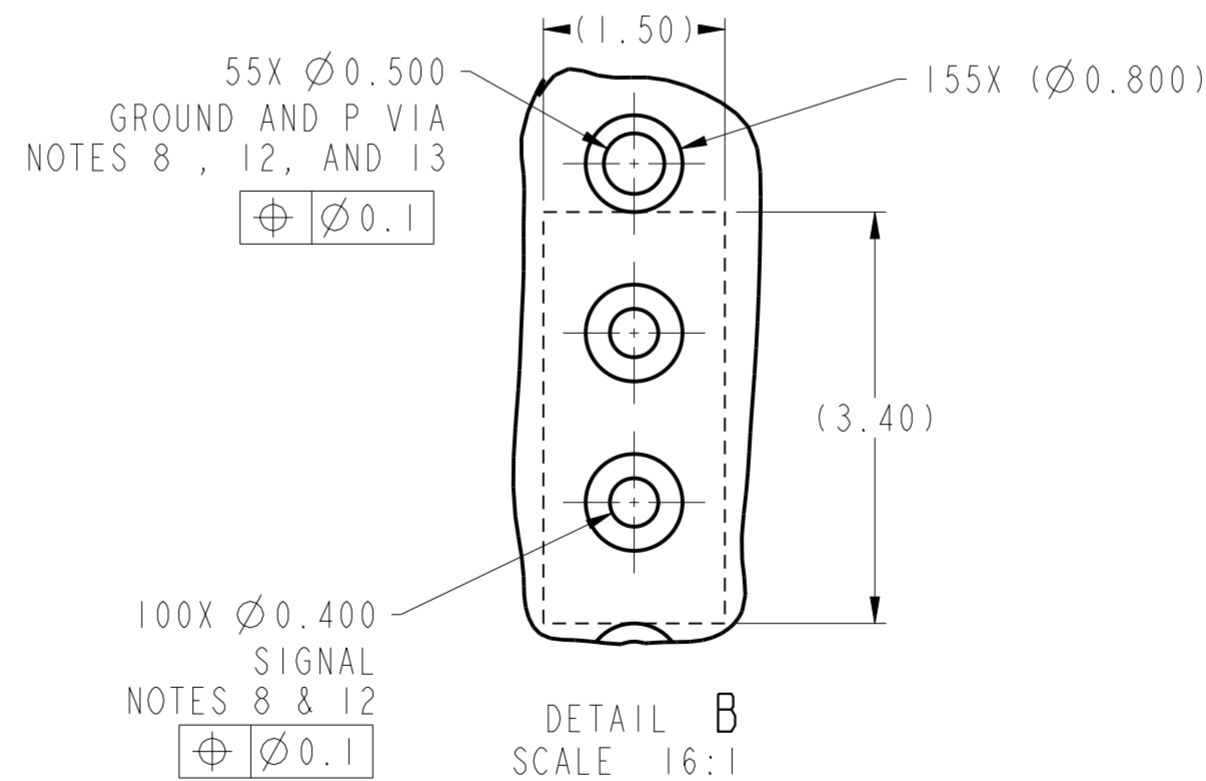
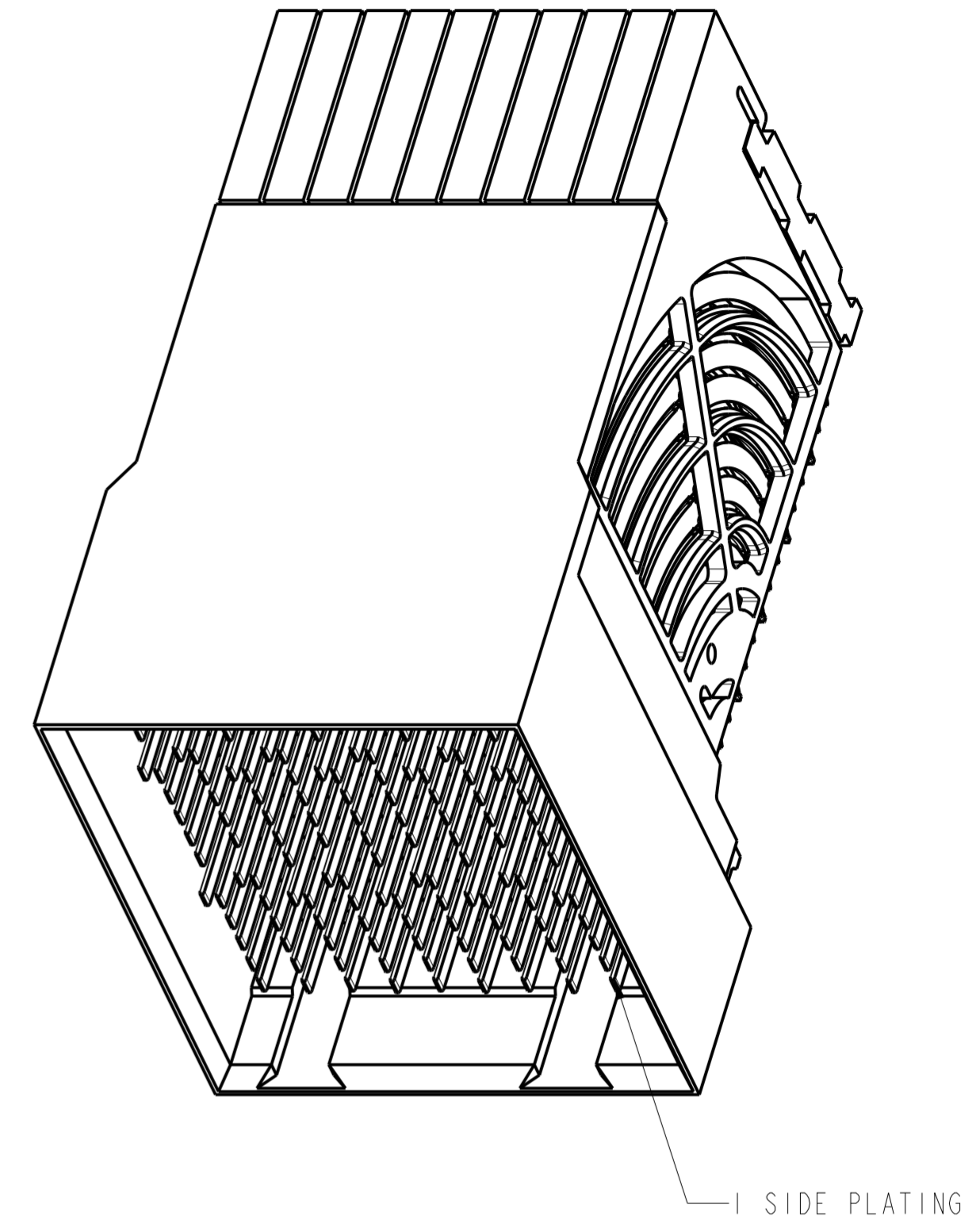
Printed: Nov 22, 2016

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PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	PLATING SIDE TYPE
10136596-101LF	TIN OVER NICKEL (LEAD FREE)	1 SIDE PLATING (CUSTOMER SPECIAL)
10136596-102LF	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" AND "L" OF ODD NUMBERED COLUMNS AND POSITIONS "G" AND "M" 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  $\triangle$  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, & O IN ODD COLUMNS AND A, D, G, J, & M IN EVEN COLUMNS) REQUIRE ( $\phi 0.50$ ) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE ( $\phi 0.40$ ) FINISHED HOLES
- 13 - THESE OUTER VIAS (P) ARE OPTIONAL. WHILE NO CONNECTOR PINS ARE PRESSED INTO THESE HOLES WE RECOMMEND ( $\phi 0.500$ ) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.



10136596-101LF  
10136596-102LF

SCALE 4:1

spec ref	---	dr	Tao Zhan	2016/02/02	projection	MM	size	A2	scale	10:1
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/14			ecn no	ELX-DG-2525-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17			rel level	Released		
surface	linear	0.X	$\pm .3$	appr	Pai-Ming Zheng	2016/11/18	product family			
		0.XX	$\pm .15$			title	AirMax VS2 R.A. HEADER		dwg no	10136596
		0.XXX	$\pm .050$			5 Pair, 150 pos, 2mm, 10Col, Small Press Fit		rev	B	
	angular	0°	$\pm 2^\circ$	cat. no.		Product - Customer Drw		sheet 3 of 3		

PDS: Rev :B

STATUS: Released

Printed: Nov 22, 2016