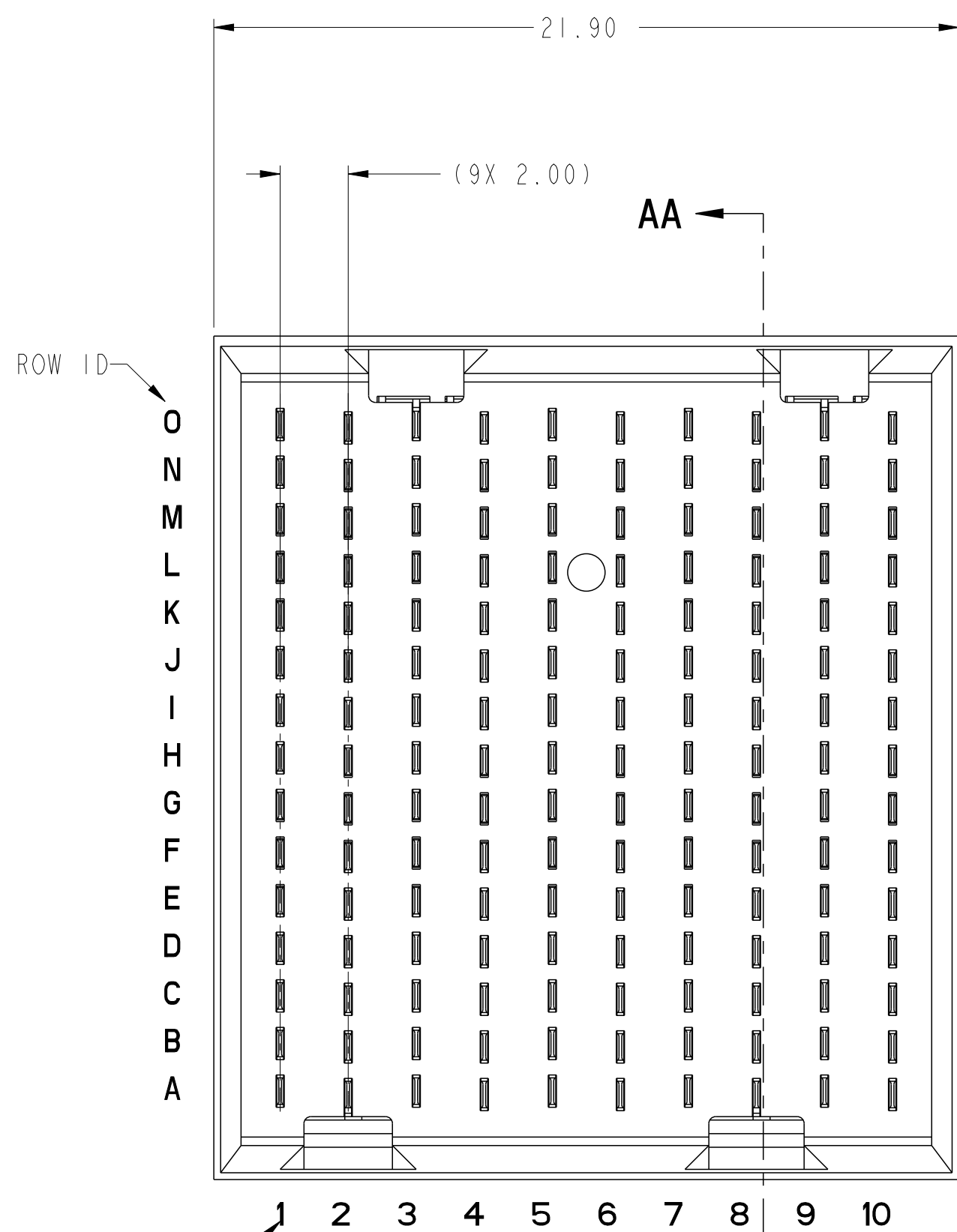


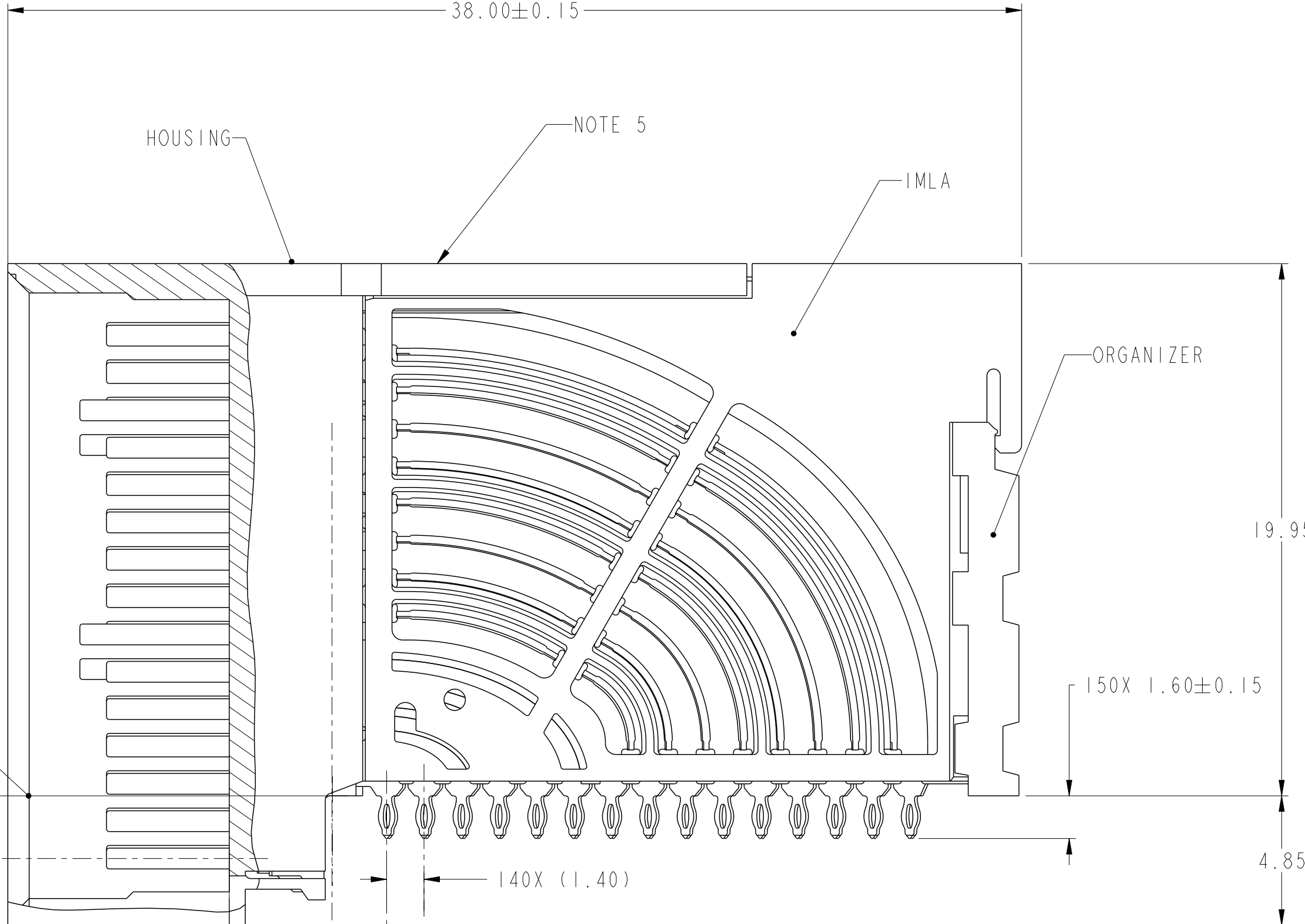
PRODUCT NUMBER
SEE SHEET 3



COLUMN ID

AA

2.35 ϕ OF EVEN COLUMNS
2.25 ϕ OF ODD COLUMNS



SECTION AA-AA

spec ref	---	dr	Lin-Soe Ngwe	2012/12/05	projection	MM	size	A2	scale	10:1
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/10	chr	Heaven Cen	ecn no	ELX-DG-25255-1		
		appr	Pei-Ming Zheng	2016/11/18	product family	-	rel level	Released		
surface	✓	linear	0.X	$\pm$.3	Amphenol FCI	title	AirMax VS2 R.A. HEADER	dwg no	10123529	rev
			0.XX	$\pm$.15	www.fci.com	5 Pair, 150 pos, 2mm, 10 Col				D
		angular	0°	$\pm$ 2°	cat. no.	-	Product - Customer Drw	sheet 1 of 3		

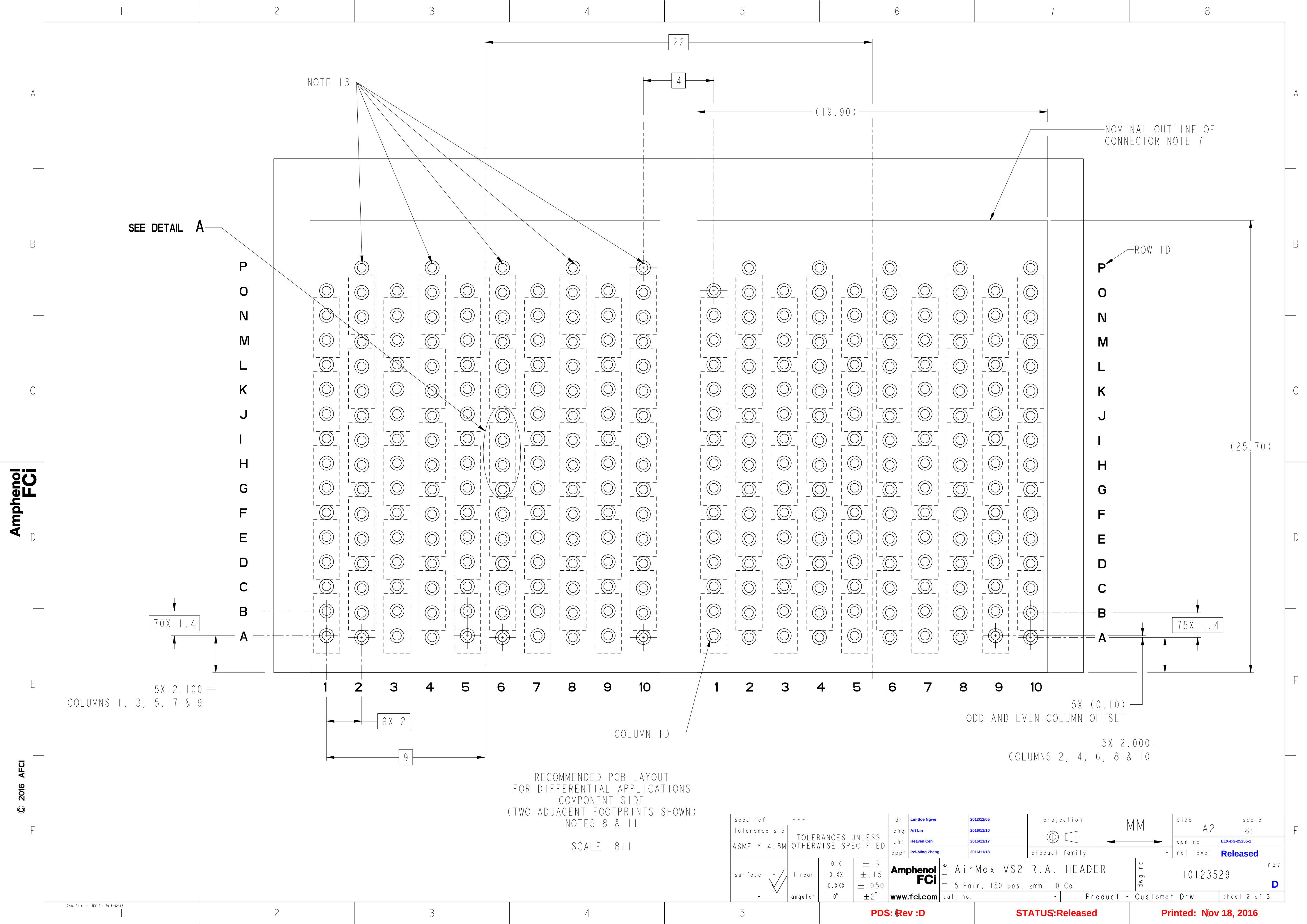
PDS: Rev :D

STATUS:Released

Printed: Nov 18, 2016

Amphenol
FCI

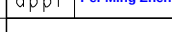
© 2016 APCI



Amphenol
FCi

© 2016 APCI

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

spec ref		---		dr	Lin-Soe Ngwe	2012/12/05			size	A2	scale	8:1				
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng			Art Lin	2016/11/10	ecn no	ELX-DG-25255-1				
ASME Y14.5M		chr	Heaven Cen		2016/11/17	appr			Pei-Ming Zheng		2016/11/18	product family	-	rel level	Released	
	linear	0.X	±.3			title	AirMax VS2 R.A. HEADER					dwg no	10123529		rev	D
		0.XX	±.15													
		0.XXX	±.050													
	-	angular	0°	±2°		www.fci.com	cat. no.	-	Product - Customer Drw					sheet 2 of 3		

PDS: Rev :D

STATUS:Released

Printed: Nov 18, 2016

1		2		3		4		5		6		7		8	
PRODUCT NUMBER		PRESS-FIT TAIL PLATING TYPE		REMARK		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 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION. 11 - GROUND CONTACTS (C, F, I, L, & O IN ODD COLUMNS AND A, D, G, J, & M IN EVEN COLUMNS) REQUIRE (Ø0.50) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.50) FINISHED HOLES 12 - THESE OUTER VIAS (P) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECCOMMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB. 13 - A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE, WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.									
10123529-101		TIN/LEAD ALLOY OVER NICKEL		1-SIDE PLATING (CUSTOMER SPECIAL)											
10123529-101LF		TIN OVER NICKEL (LEAD FREE)													
10123529-102		TIN/LEAD ALLOY OVER NICKEL		2-SIDE PLATING											
10123529-102LF		TIN OVER NICKEL (LEAD FREE)													

55X Ø0.50

⊕

Ø0.1

GROUND AND P VIA

NOTES 8 , 11, AND 12

155X (Ø0.80)

(1.50)

(3.40)

100X Ø0.50

⊕

Ø0.1

SIGNAL

NOTES 8 & 11

DETAIL A

SCALE 15:1

10123529-101 OR -101LF

10123529-102 OR -102LF

SCALE 4:1

spec ref		---		dr		Lin-Soe Ngwe		2012/12/05		projection		MM		size		A2		scale		10:1	
tolerance std		ASME Y14.5M		eng		Art Lin		2016/11/10		chr		Heaven Cen		2016/11/17		ecn no		ELX-DG-25255-1		rel level	
surface		✓		linear		0.X		±.3		0.XX		±.15		0.XXX		±.050		angular		0° ±2°	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-		-		-		-		-	
-		-		-		-		-		-		-									