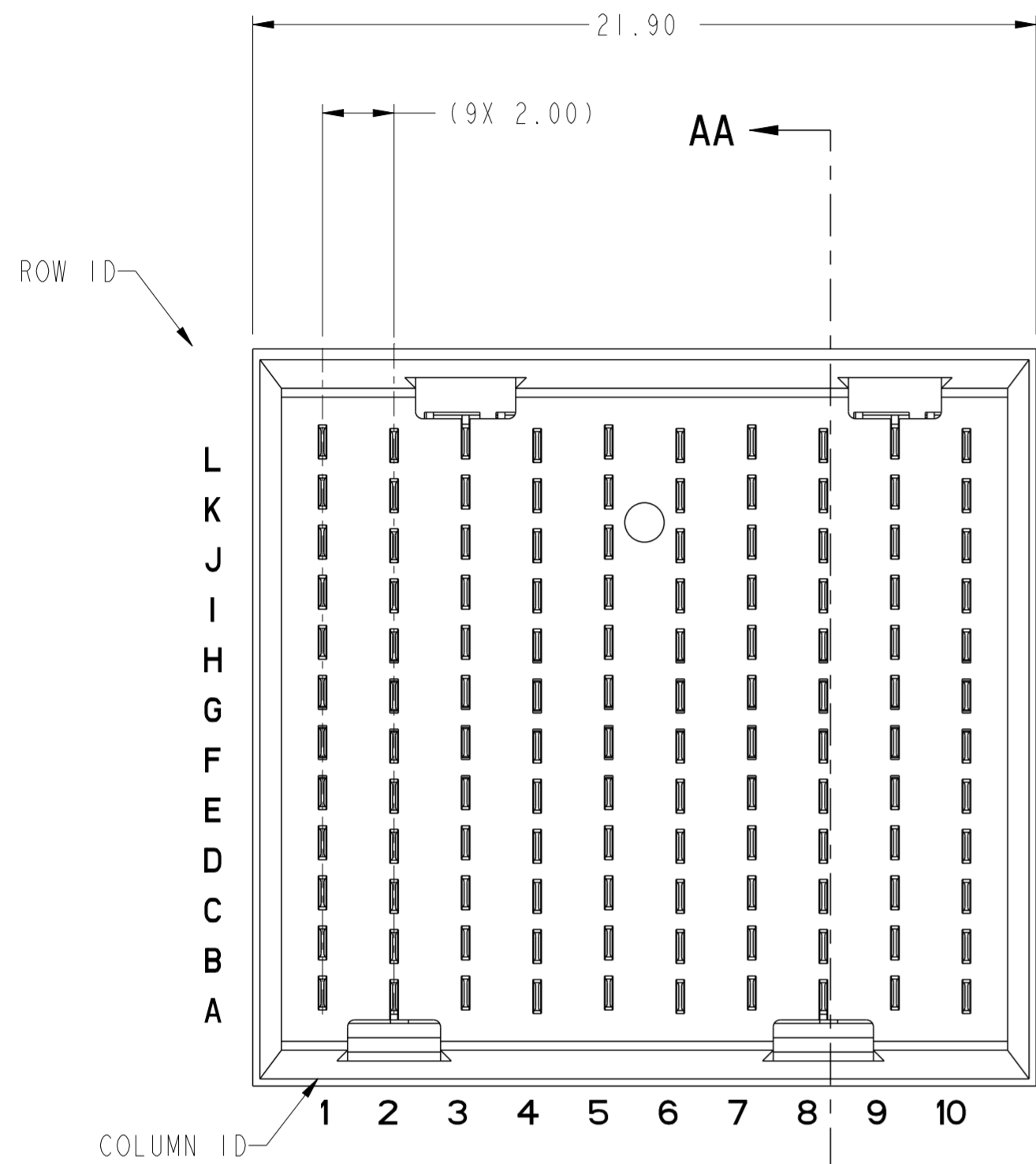
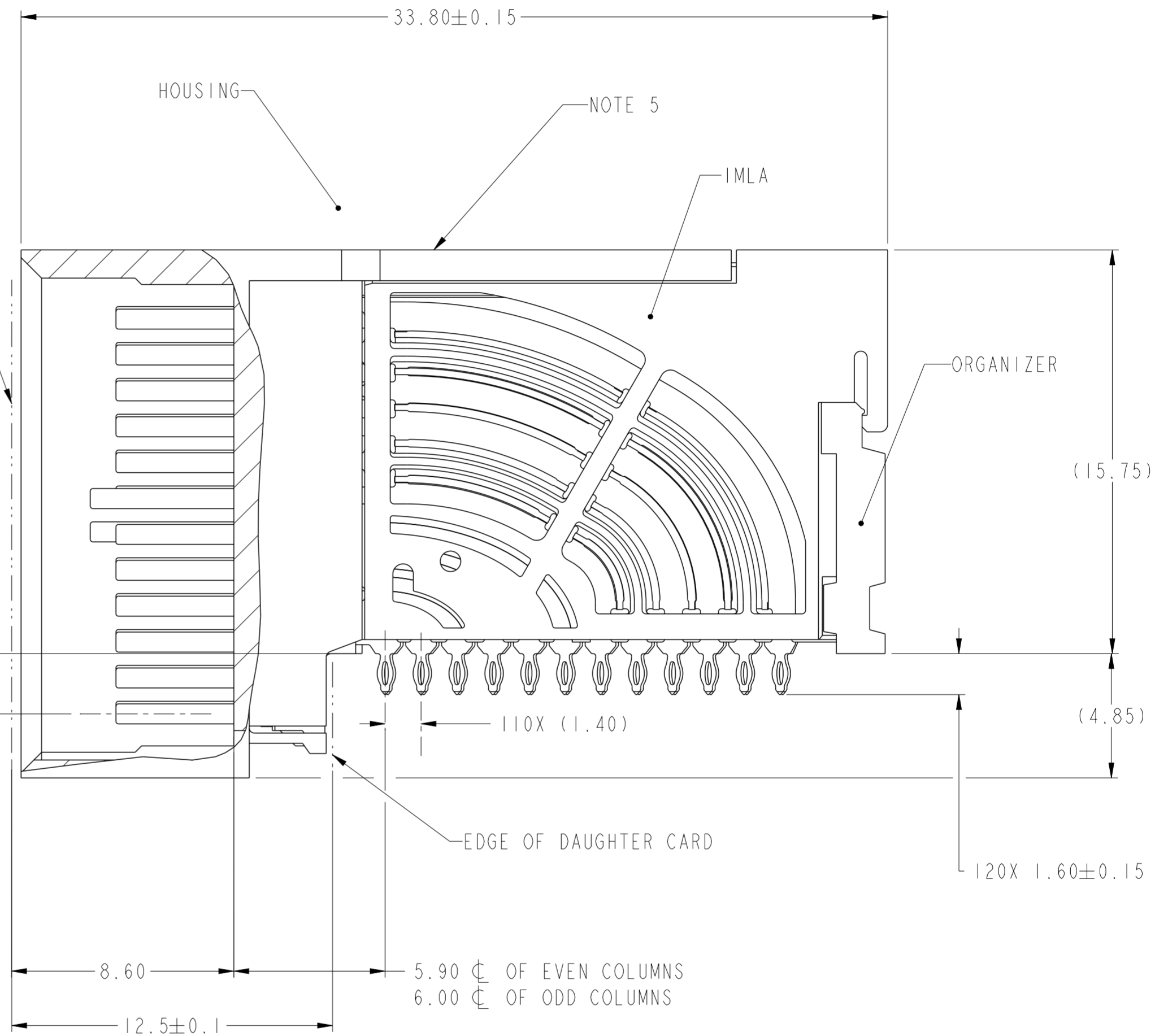


PRODUCT NUMBER
SEE SHEET 3



2.35 ϕ OF EVEN COLUMNS
2.25 ϕ OF ODD COLUMNS



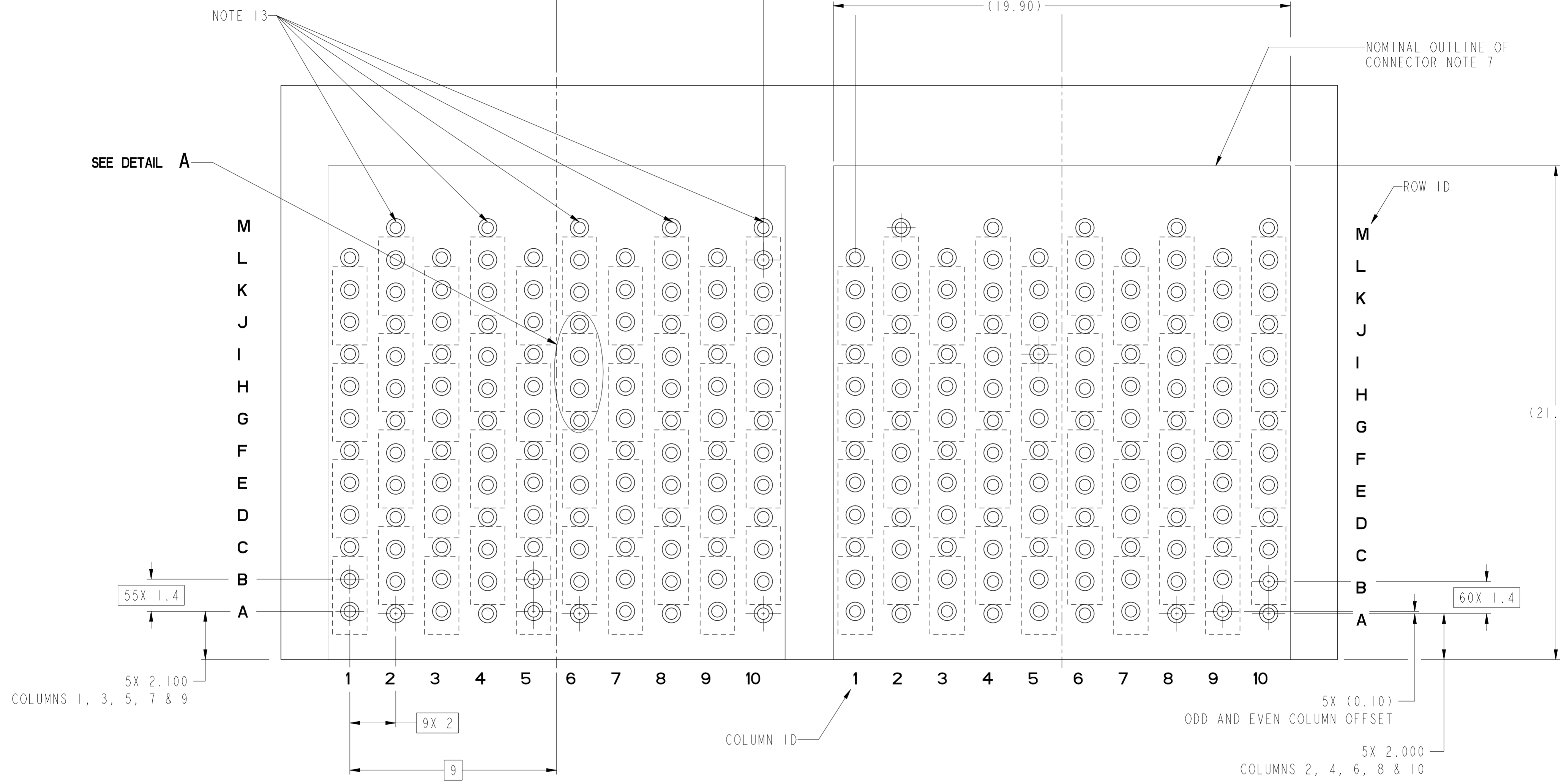
SECTION AA-AA

spec ref	---	dr	Lin-Soo Ngwe	2012/12/05	projection	MM	size	A2	scale	10:1
tolerance std	ASME Y14.5M	eng	Terry Luo	2020/09/08			ecn no	ELX-DG-38252-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-				rel level	Released		
surface	linear	0.X	±.3	Amphenol FCI			product family	-		
		0.XX	±.10	title	AirMax VS2 R.A. HEADER			dwg no	10123536	
		0.XXX	±.050	4 Pair, 120 pos, 2mm, 10 Col, GXT+			rev	E		
	angular	0°	±2°	cat. no.	-			Product - Customer Drw	sheet 1 of 3	

PDS: Rev :E

STATUS:Released

Printed: Sep 18, 2020



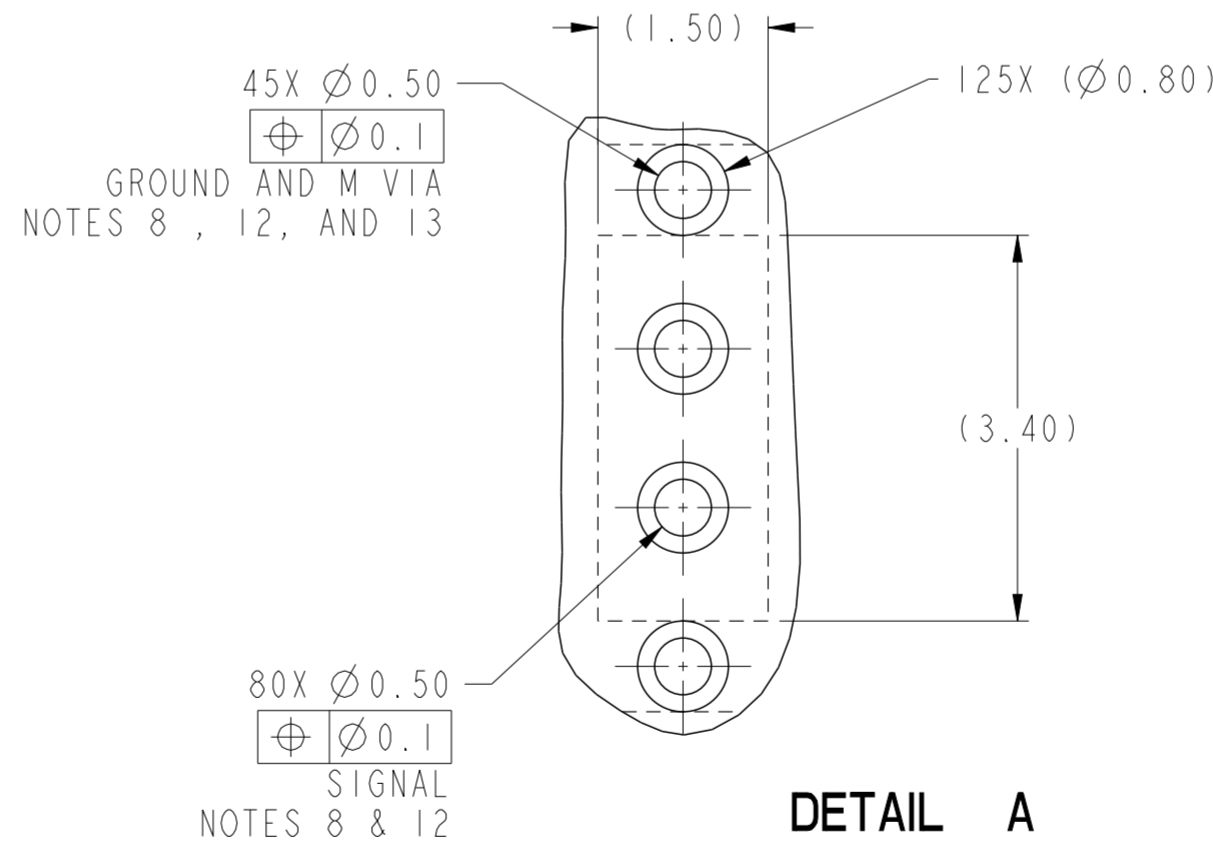
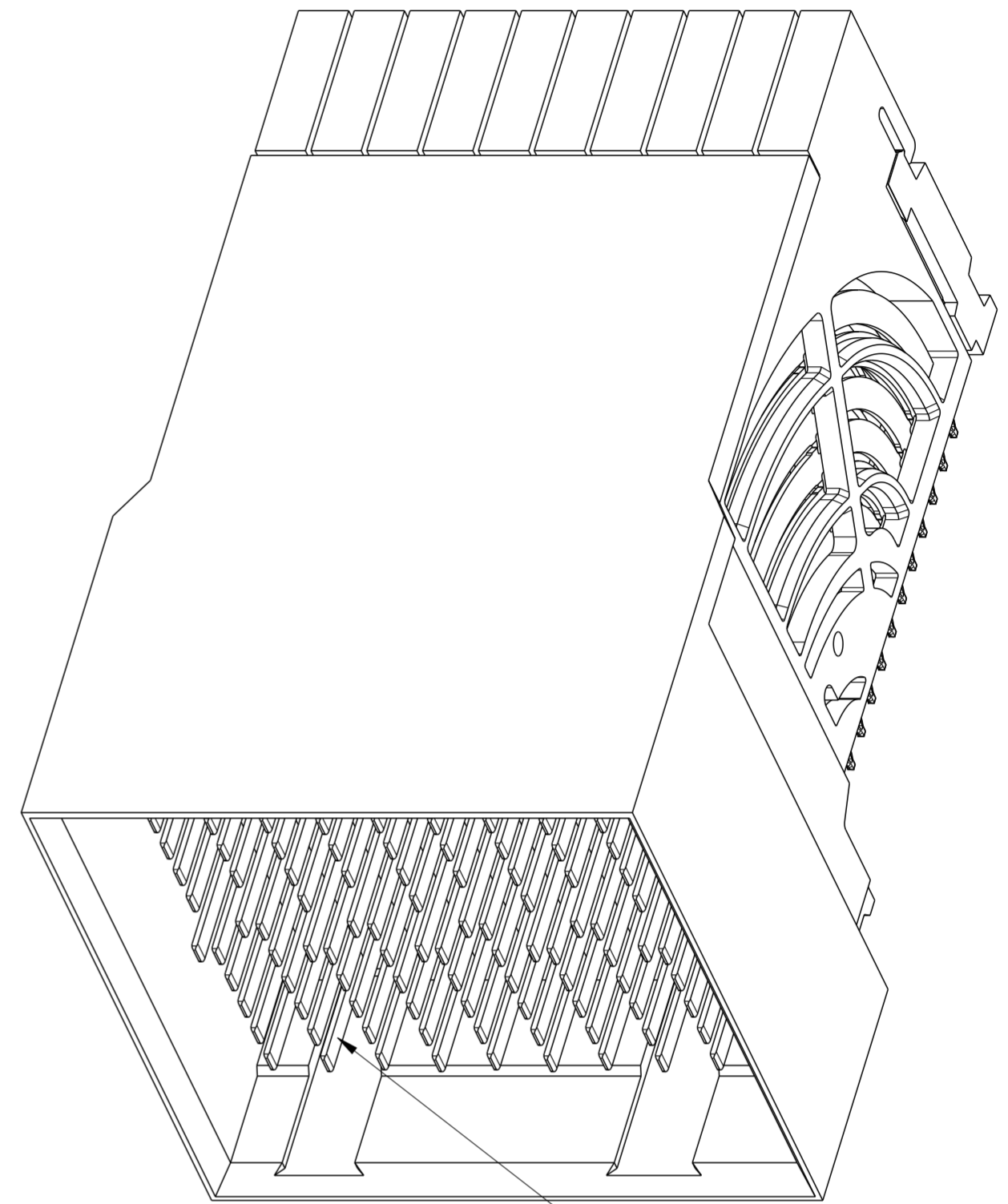
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 8 & 12

SCALE 8:1

spec ref	---	dr	Lin-Soo Ngwe	2012/12/05	projection	MM	size	A2	scale	8:1	
tolerance std	ASME Y14.5M	eng	Terry Luo	2020/09/08			ecn no	ELX-DG-38252-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-				rel level	Released			
		appr	Heaven Cen				-				
surface	-	linear	0.X	±.3			title	AirMax VS2 R.A. HEADER			
			0.XX	±.10			4 Pair, 120 pos, 2mm, 10 Col, GXT+	dwg no	10123536		
			0.XXX	±.050			cat. no.	-			
		angular	0°	±2°			Product - Customer Drw	sheet 2 of 3			

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	REMARK
10123536-101	TIN/LEAD ALLOY OVER NICKEL	1-SIDE PLATING (CUSTOMER SPECIAL)
10123536-101LF	TIN OVER NICKEL (LEAD FREE)	
10123536-102	TIN/LEAD ALLOY OVER NICKEL	2-SIDES PLATING
10123536-102LF	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, (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 \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 IN ODD COLUMNS AND A, D, G & J IN EVEN COLUMNS) REQUIRE ($\varnothing 0.50$) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE ($\varnothing 0.50$) FINISHED HOLES
- ⑬ - THESE OUTER VIAS (M) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECCOMEND ($\varnothing 0.500$) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.



10123536-101 OR -101LF
10123536-102 OR -102LF

DETAIL A
SCALE 15:1

spec ref	---	dr	Lin-Soe Ngwe	2012/12/05	projection	MM	size	A2	scale	10:1
tolerance std	ASME Y14.5M	eng	Terry Luo	2020/09/08	chr	-	ecn no	ELX-DG-38252-1	rel level	Released
surface	-	appr	Heaven Cen	2020/09/17	product family	-	cat. no.	-	Product - Customer Drw	sheet 3 of 3
		Amphenol FCI	title			AirMax VS2 R.A. HEADER	dwg no	10123536	rev	E
			TOLERANCES UNLESS OTHERWISE SPECIFIED			4 Pair, 120 pos, 2mm, 10 Col, GXT+				
			linear	0.X	±.3					
				0.XX	±.10					
				0.XXX	±.050					
			angular	0°	±2°					