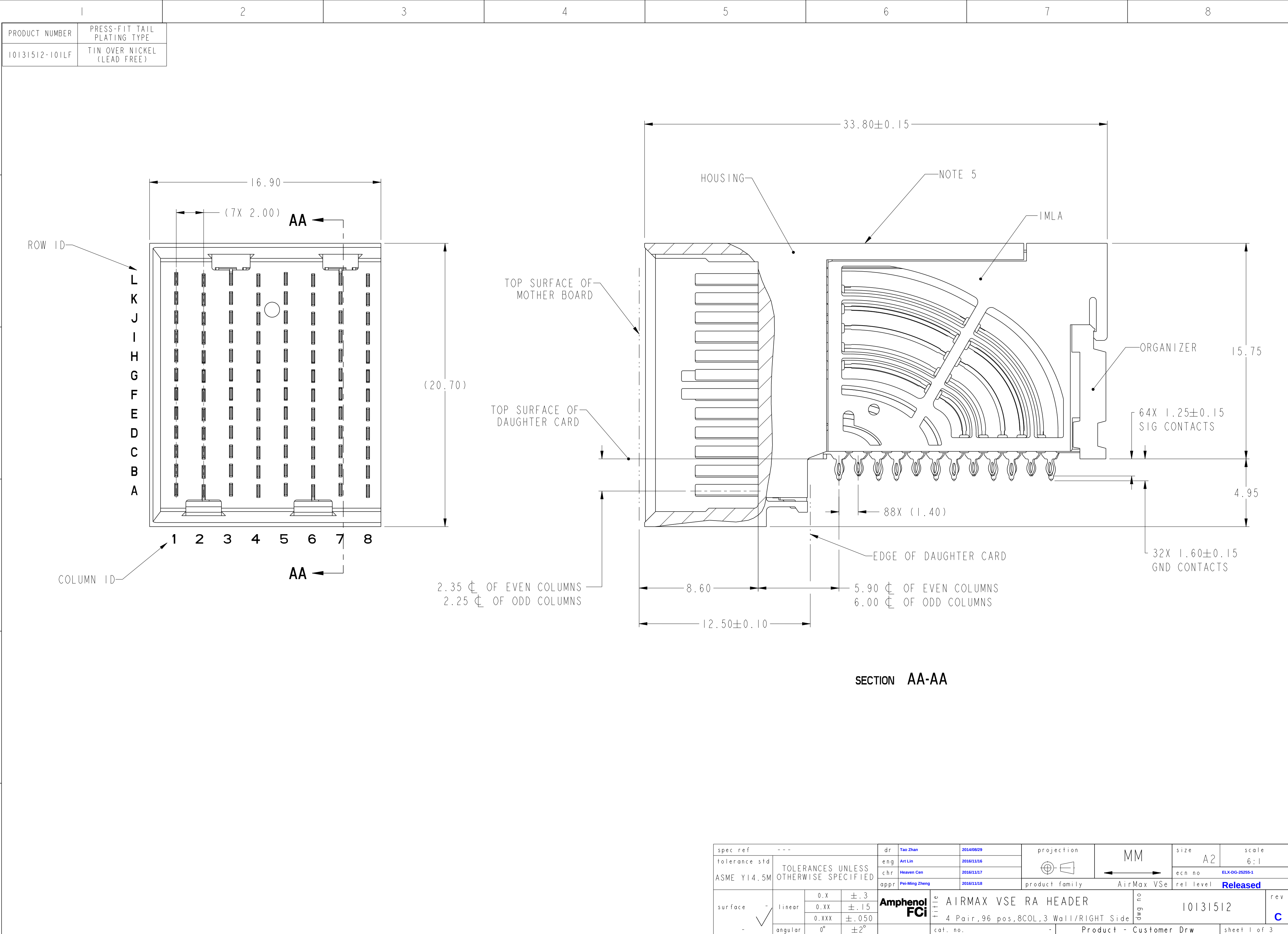
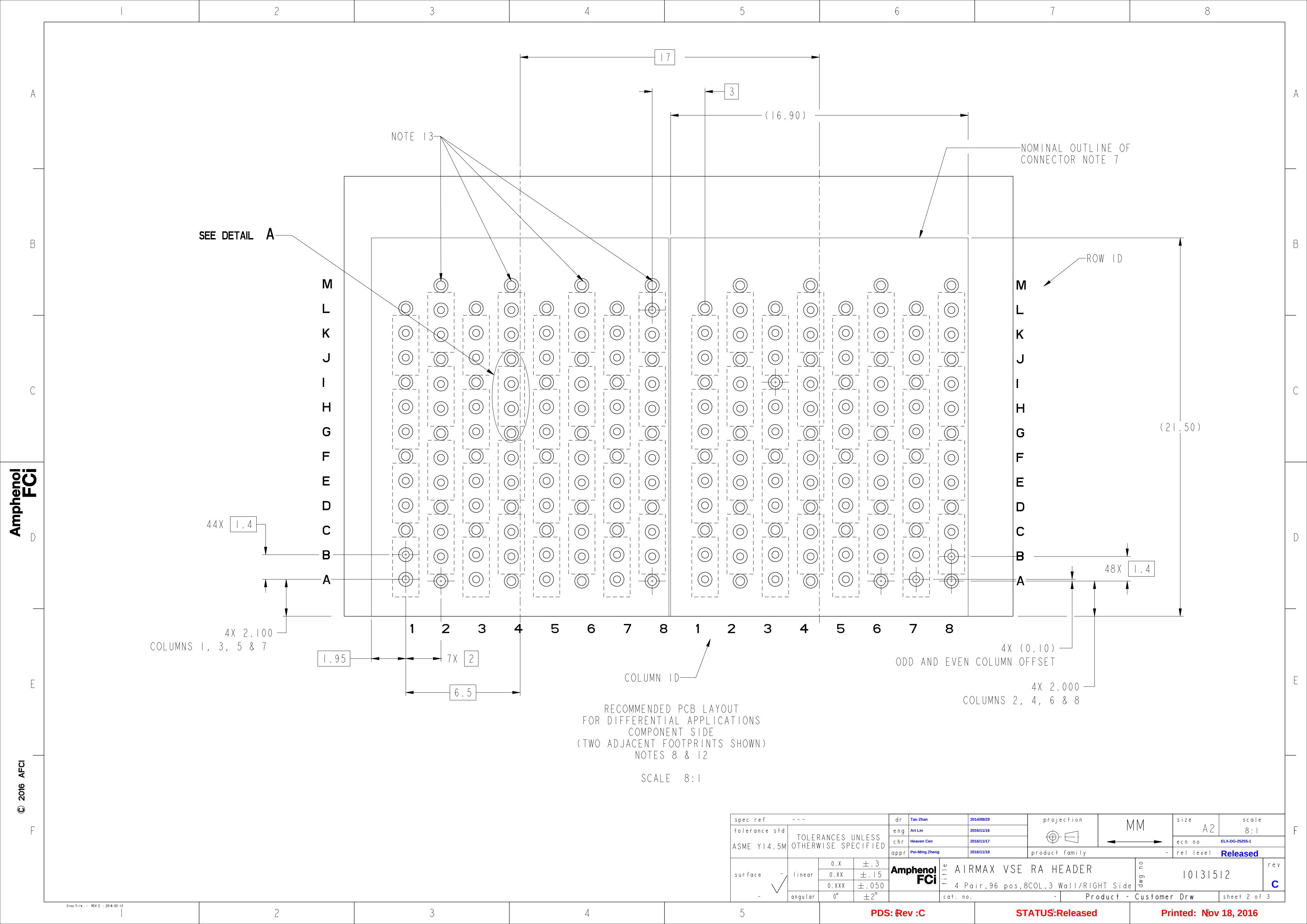




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spec ref		---		dr	Tao Zhan	2014/08/29			size	A2	scale	6:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Art Lin	2016/11/16			ecn no	ELX-DG-25255-1					
ASME Y14.5M				chr	Heaven Cen	2016/11/17			rel level		Released				
				oppr	Pei-Ming Zheng	2016/11/18	product family		AirMax VSe						
surface	- ✓	linear	0.X	±.3	Amphenol FCI	title	AIRMAX VSE RA HEADER 4 Pair, 96 pos, 8COL, 3 Wall/RIGHT Side				dwg no	10131512		rev	C
			0.XX	±.15											
			0.XXX	±.050											
		angular	0°	±2°											



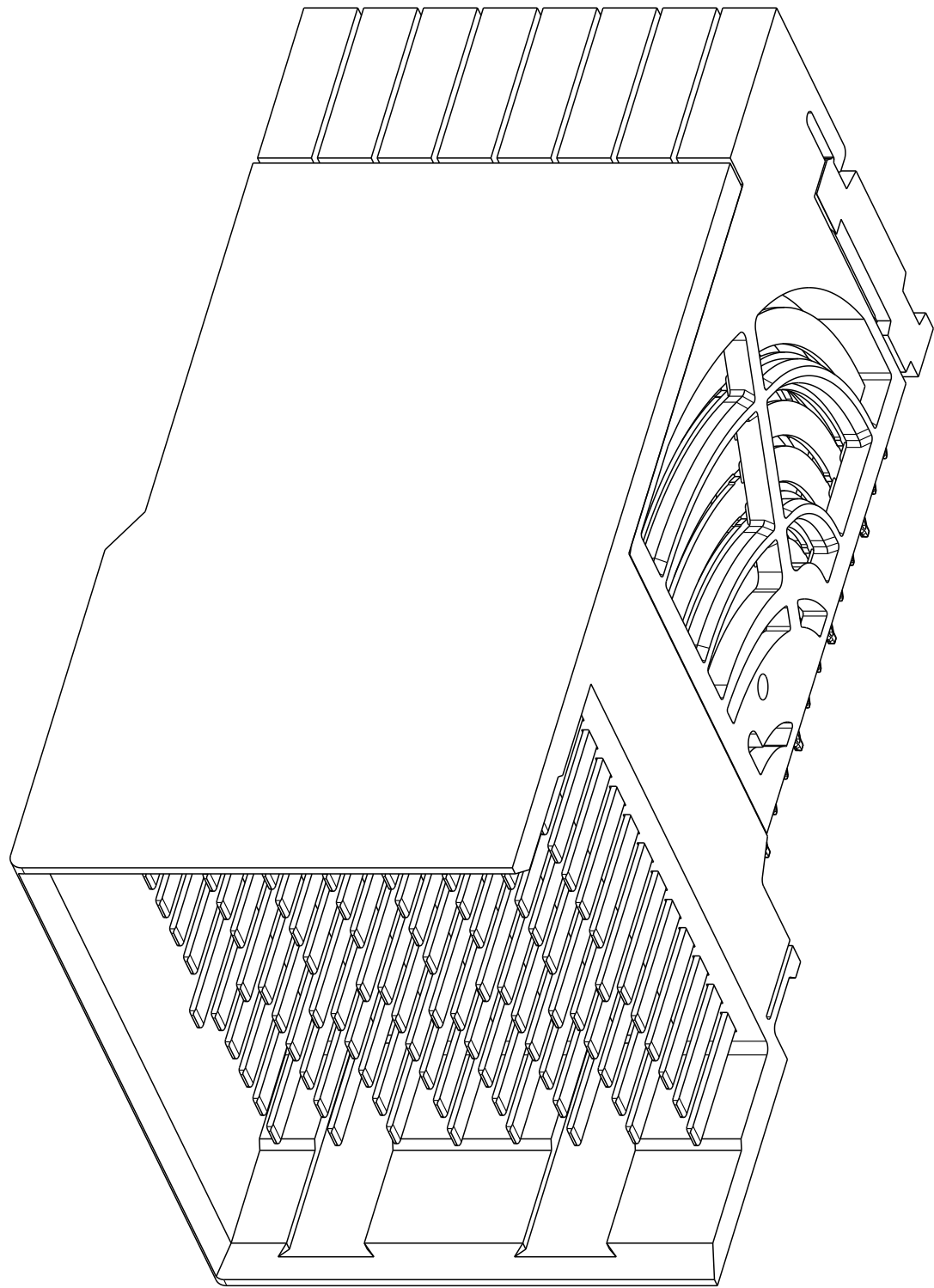
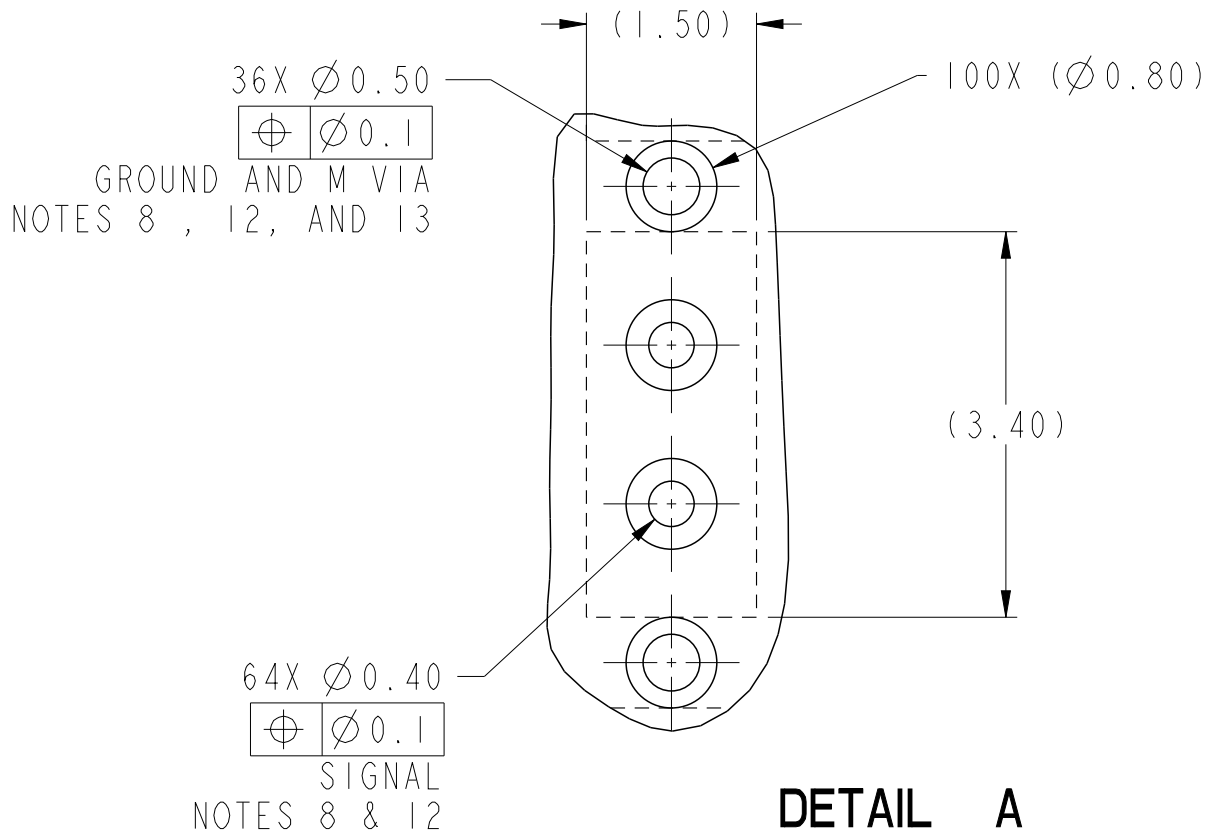
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RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 8 & 12
SCALE 8:1

spec ref				---		dr		Tao Zhan		2014/08/29		projection		MM		size		A2		scale		8:1	
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				product family		-		rel level		Released					
				appr		Pei-Ming Zheng		2016/11/18															
surface		linear		0.X		±.3		Amphenol FCI		title		AIRMAX VSE RA HEADER		4 Pair,96 pos,8COL,3 Wall/RIGHT Side		dwg no		10131512		rev		C	
				0.XX		±.15																	
				0.XXX		±.050																	
		angular		0°		±2°						cat. no.		-		Product - Customer Drw				sheet 2 of 3			

- 1 - CONNECTOR MATERIALS:
HOUSING: LCP, 20% MINIMUM GLASS, 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 SYMBOL WILL BE NEXT TO ANY DIMENSION,
VIEW, OR NOTE THAT 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 ($\varnothing 0.40$) FINISHED HOLES
- 13 - THESE OUTER VIAS (M) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE
PRESSED INTO THESE HOLES WE RECOMMEND ($\varnothing 0.500$) FINISHED HOLES
AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.



10131512-101LF

spec ref ---				dr Tao Zhan		2014/08/29		projection		MM		size A2		scale 10:1			
tolerance std				eng Art Lin		2016/11/16						ecn no		ELX-DG-25255-1			
ASME Y14.5M				chr Heaven Cen		2016/11/17						rel level		Released			
				appr Pei-Ming Zheng		2016/11/18		product family				-					
surface -		linear		Amphenol FCi		title AIRMAX VSE RA HEADER 4 Pair, 96 pos, 8COL, 3 Wall / RIGHT Side				dwg no 10131512		rev C					
														0.X		±.3	
														0.XX		±.15	
		0.XXX												±.050			
- ✓		angular		0°		±2°		cat. no.		-		Product - Customer Drw					
												sheet 3 of 3					