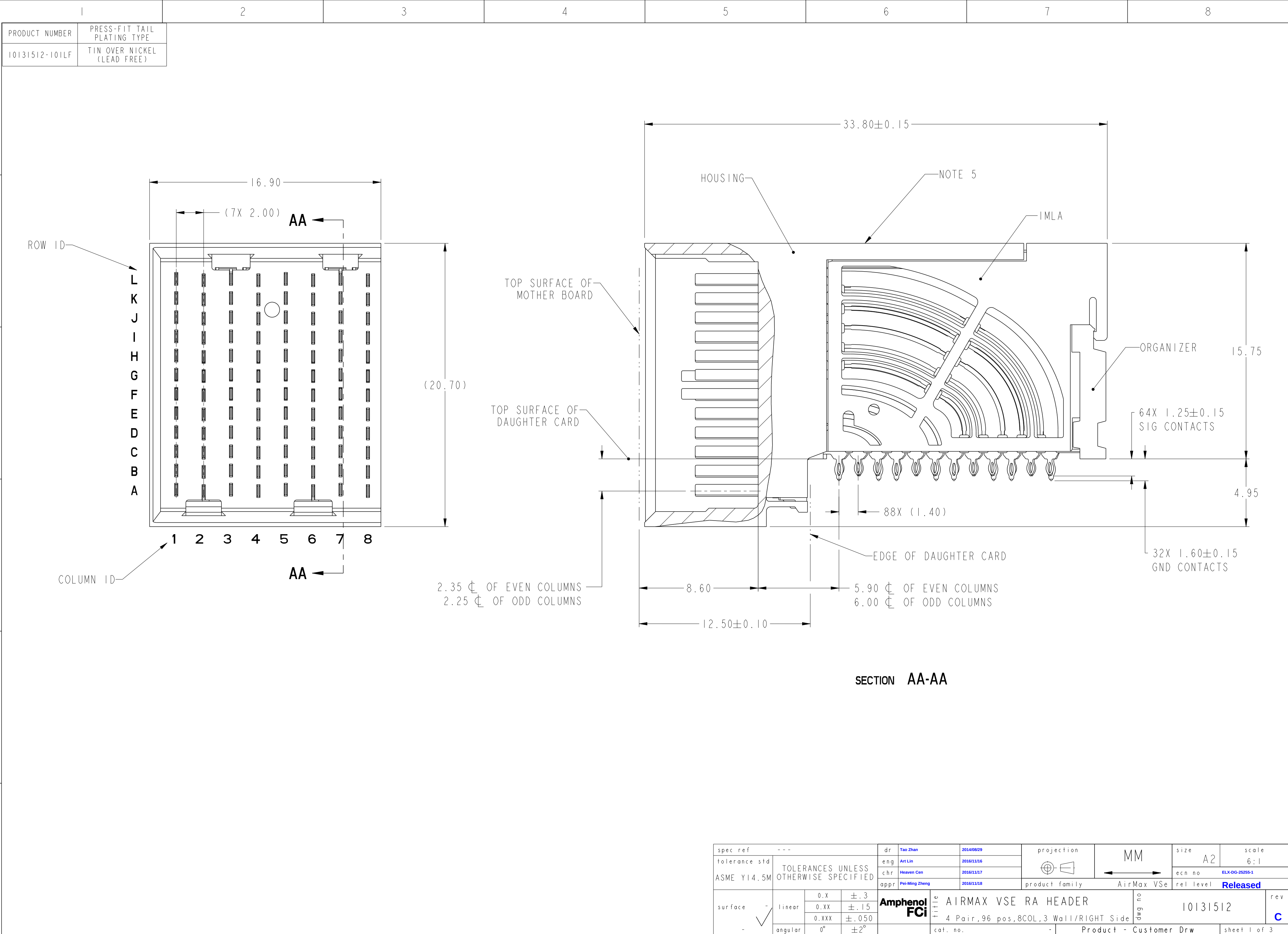
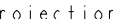


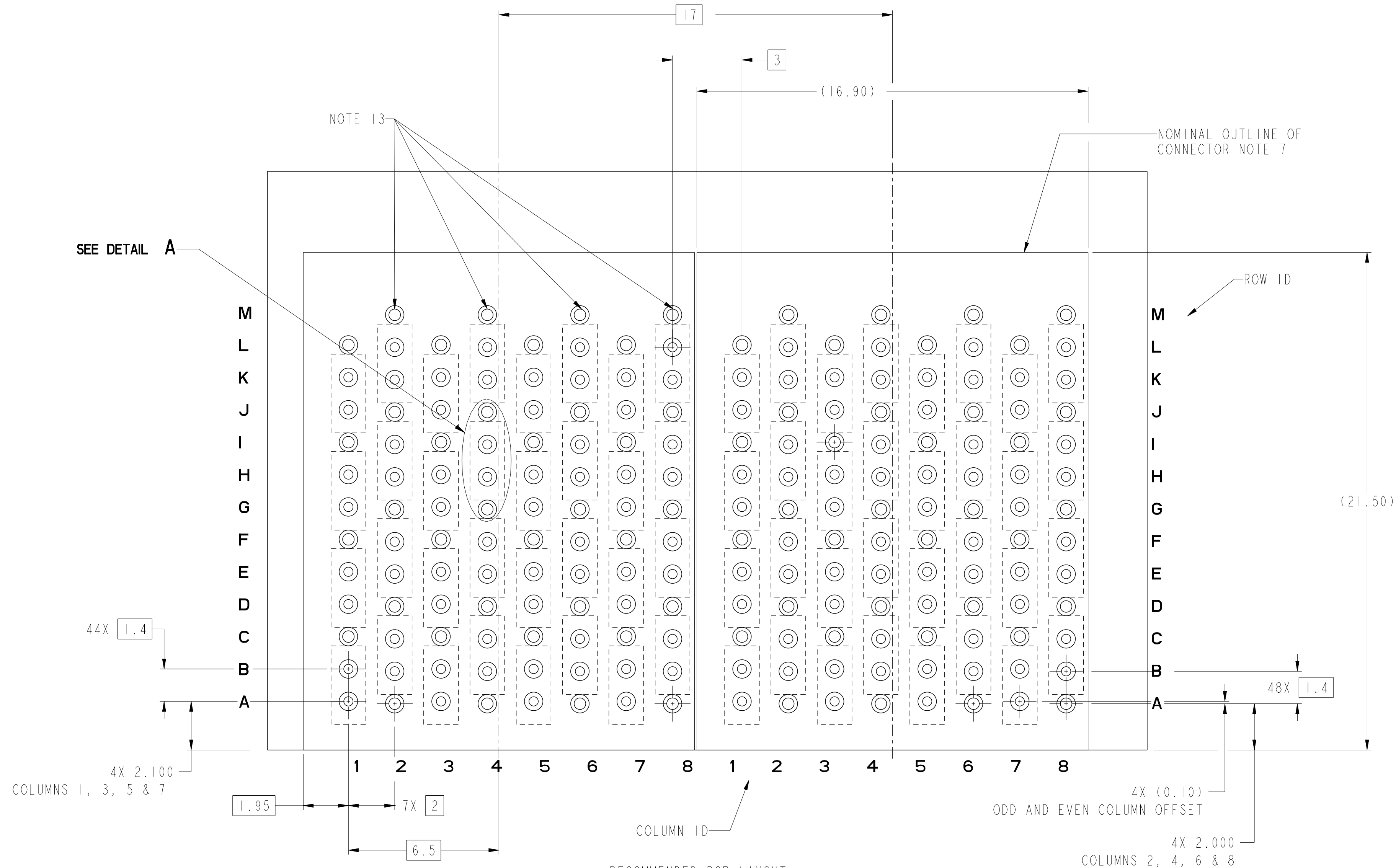


spec ref		---		dr		Tao Zhao		2014/08/29		projection				MM		size		A2		scale		6:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Art Lin		2016/11/16				ecn no		ELX-DG-25255-1									
ASME Y14.5M				chr		Heaven Cen		2016/11/17				rel level		Released									
				appr		Pei-Ming Zheng		2016/11/18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

PDS: Rev :C

STATUS:Released

Printed: Nov 18, 2016

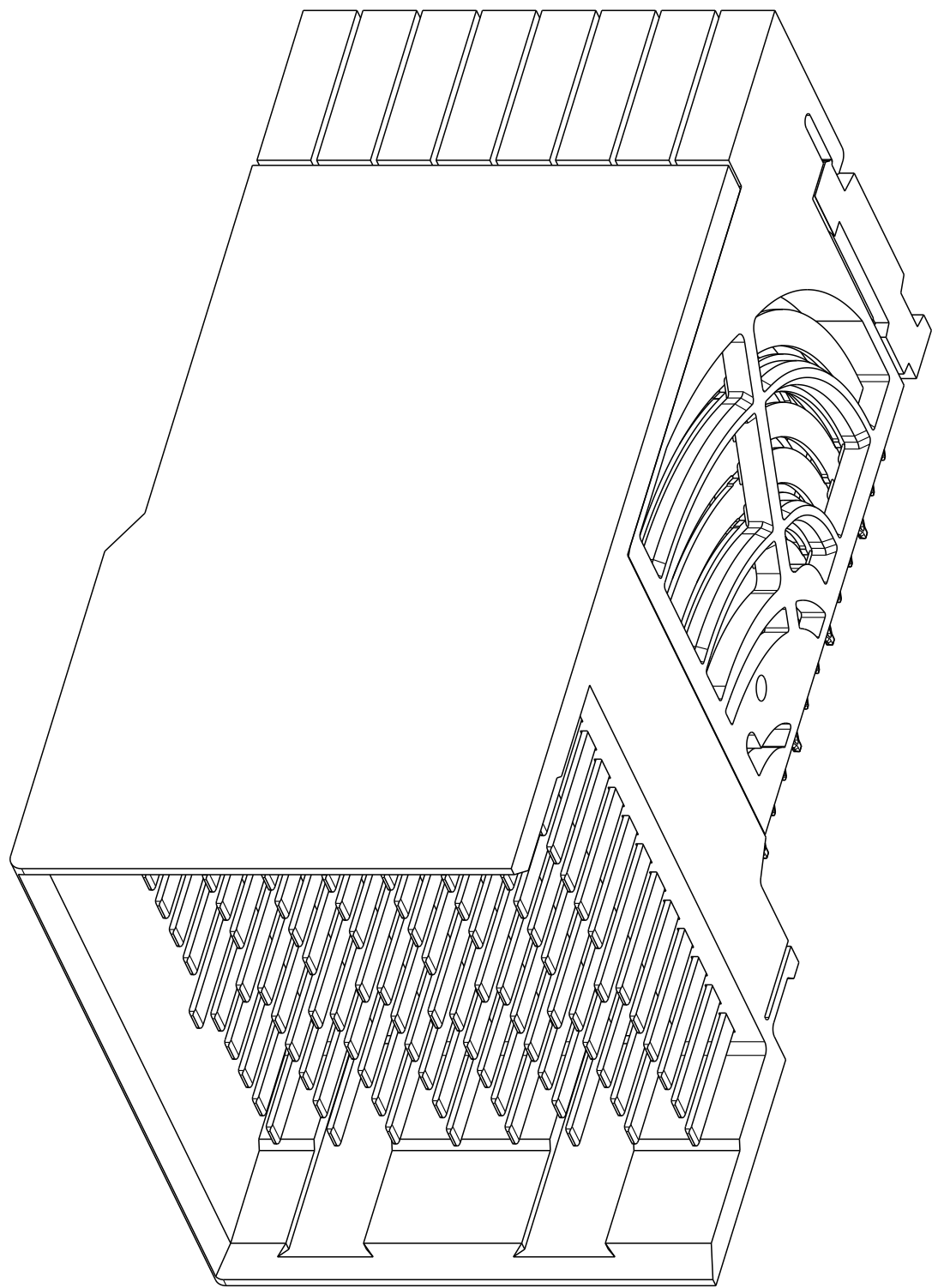
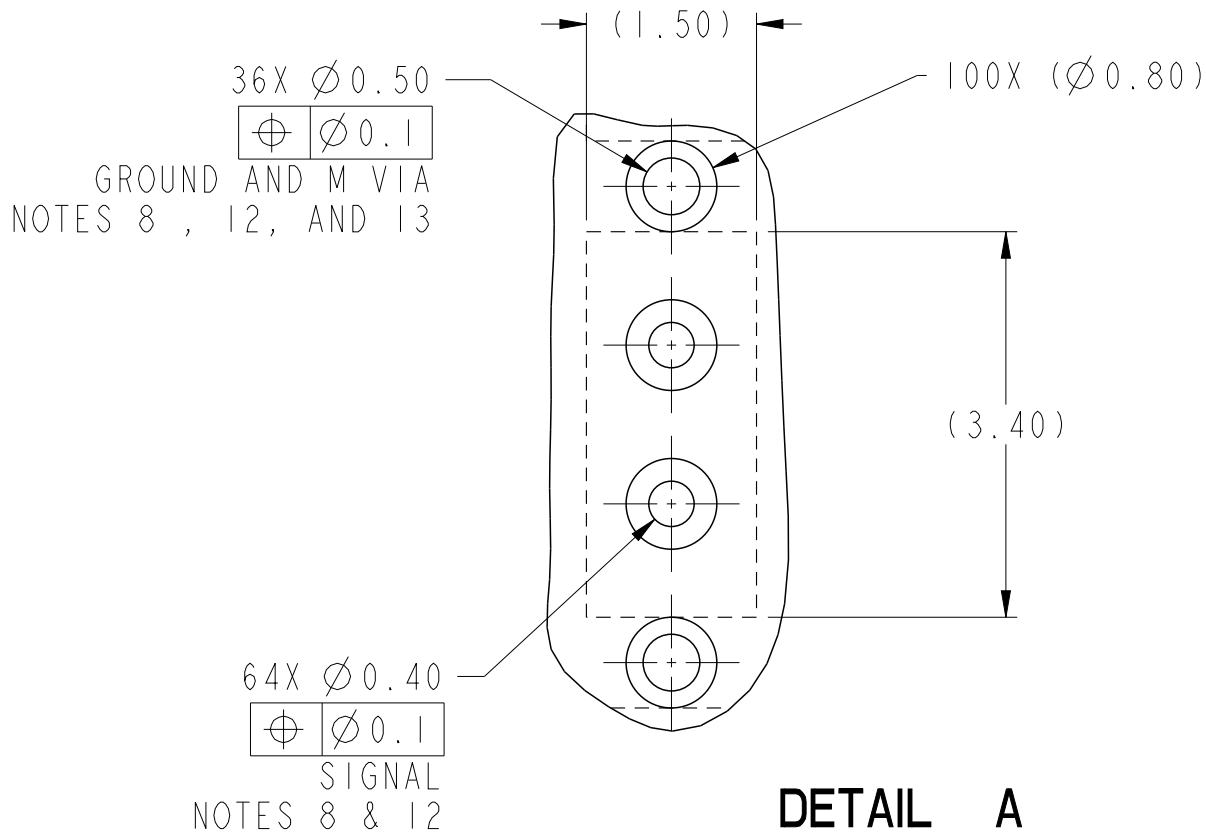


RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 8 & 12

SCALE 8:1

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

- 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	ASME Y14.5M	eng	Art Lin	2016/11/16	chr	Heaven Cen	ecn no	ELX-DG-25255-1	rel level	Released
surface	linear	0.X	$\pm .3$	0.XX	$\pm .15$	0.XXX	$\pm .050$	angular	0°	$\pm 2^\circ$
		Amphenol FCI		title		AIRMAX VSE RA HEADER		4 Pair, 96 pos, 8COL, 3 Wall / RIGHT Side		cat. no.
										Product - Customer Drw
										sheet 3 of 3