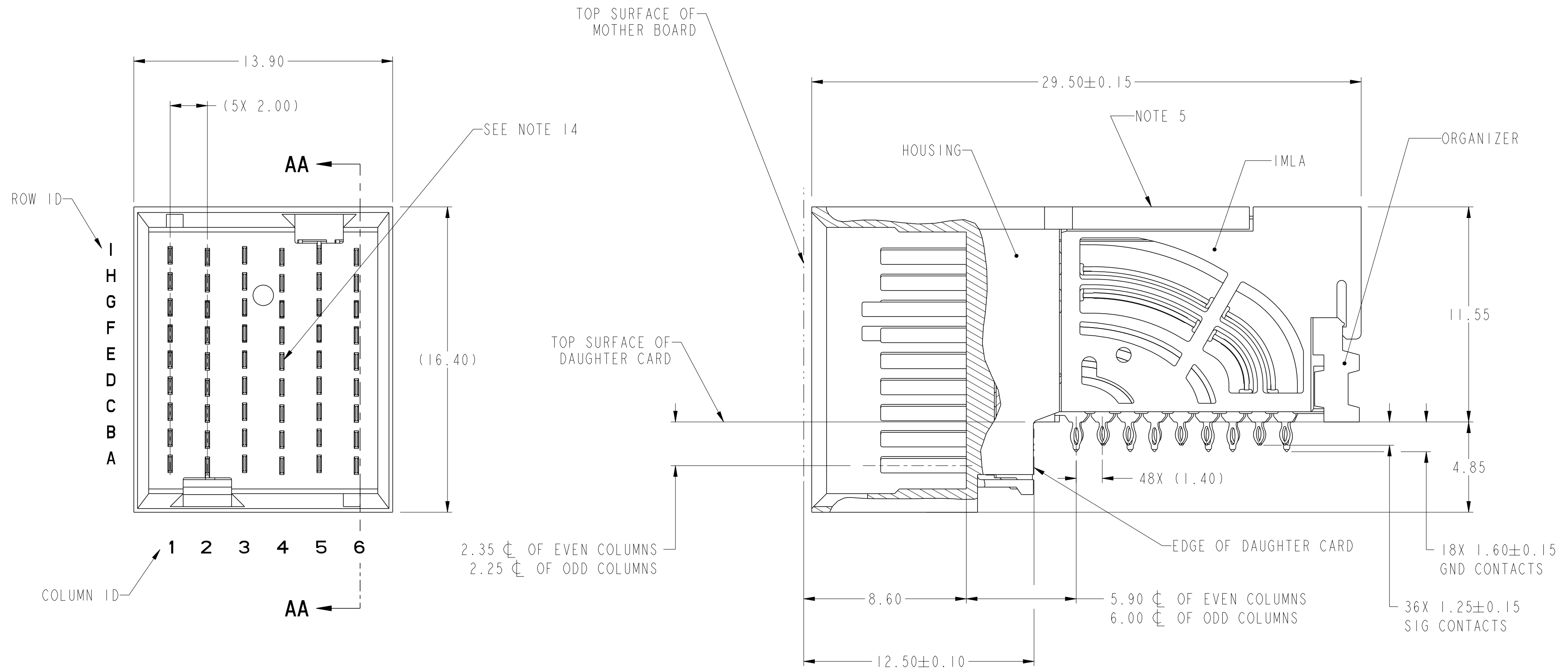
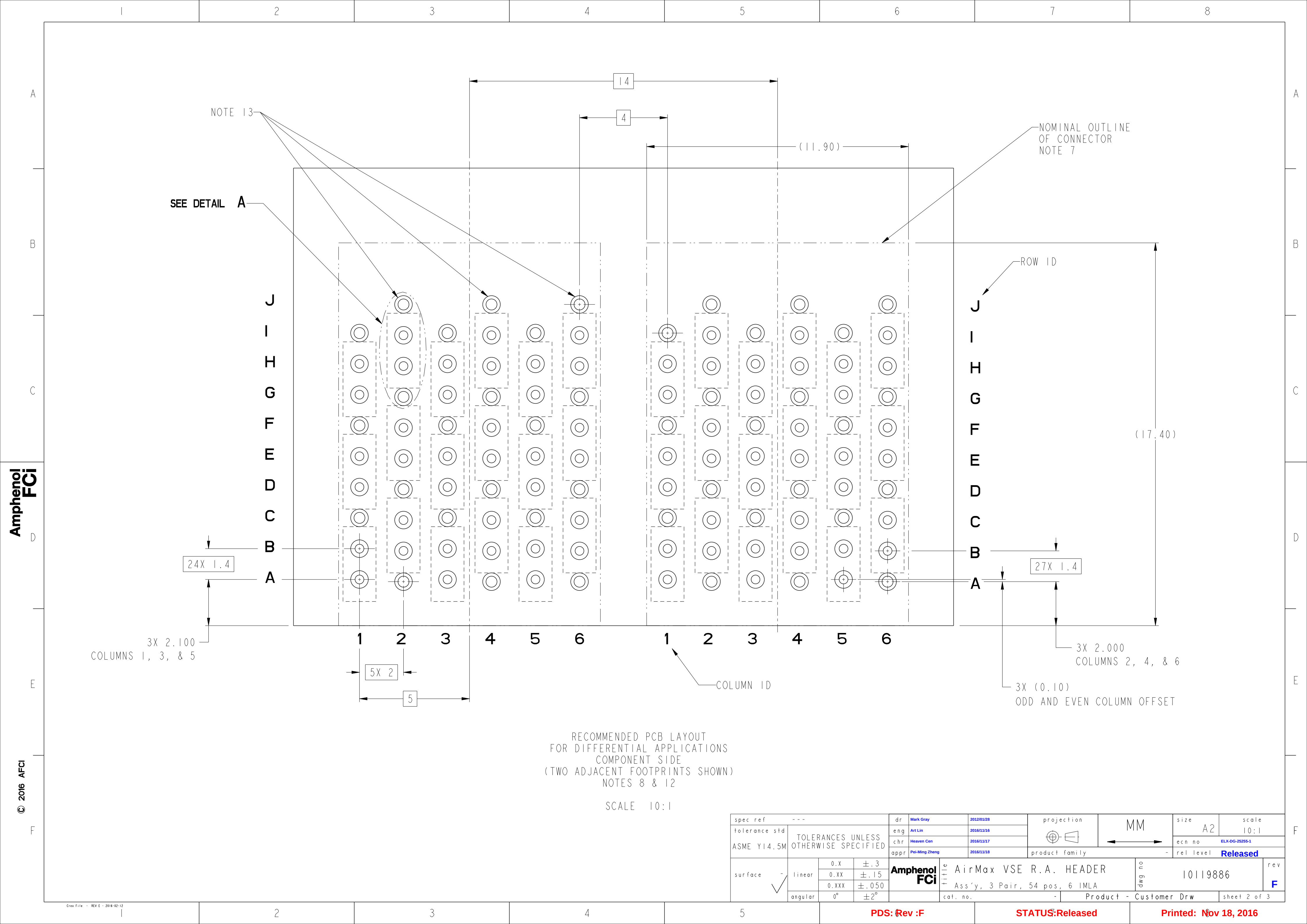


PRODUCT NUMBER
SEE SHEET 3



SECTION AA-AA

spec ref		---		dr		Mark Gray		2012/01/28		projection		MM		size		A2		scale		10:1													
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		Amphenol FCI		title		AirMax VSE R.A. HEADER										dwg no		10119886		rev		F					
																														0.XX		±.15	
																														0.XXX		±.050	
		angular		0°		±2°				cat. no.		-		Product - Customer Drw										sheet 1 of 3									



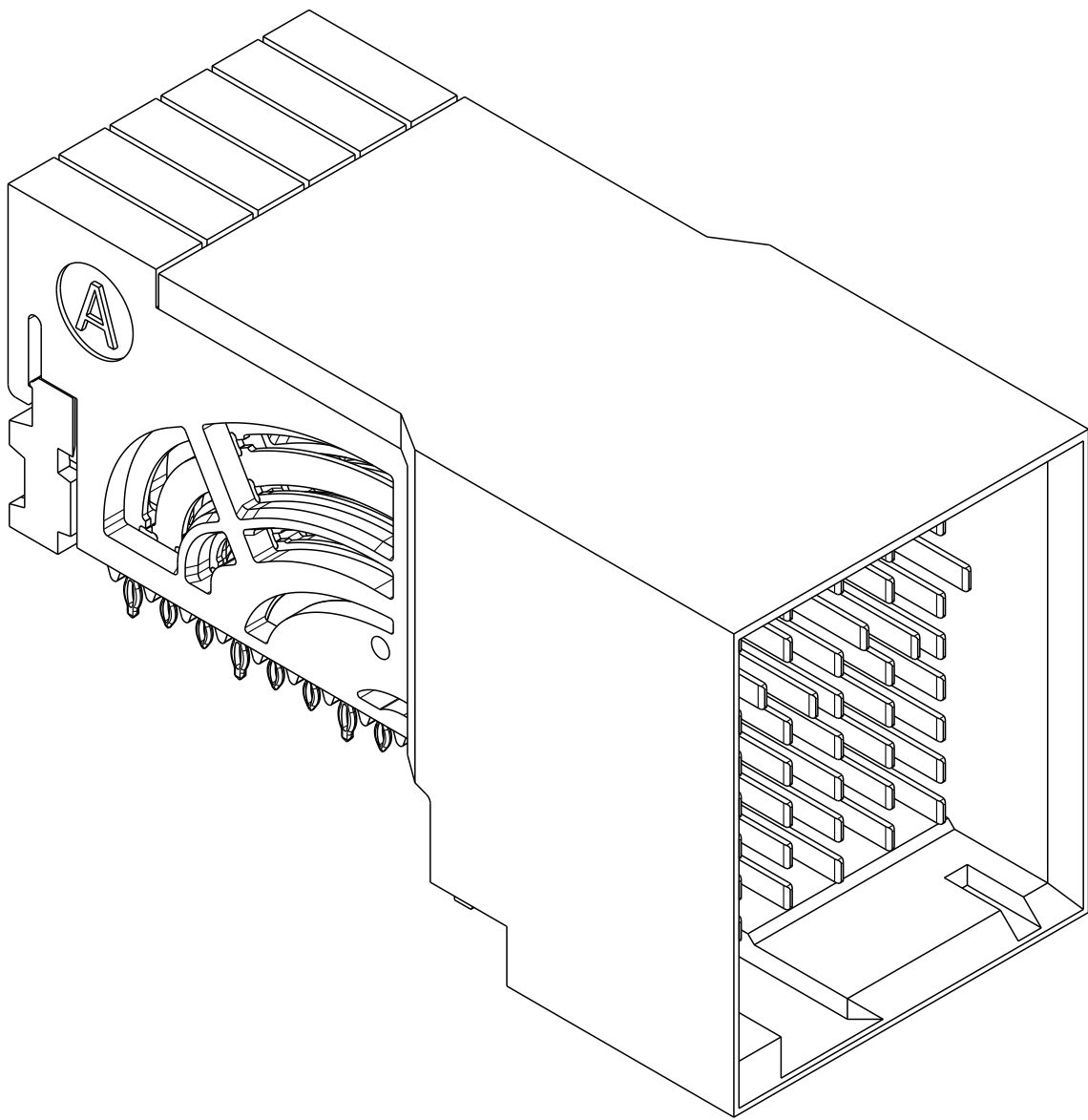
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 8 & 12

SCALE 10:1

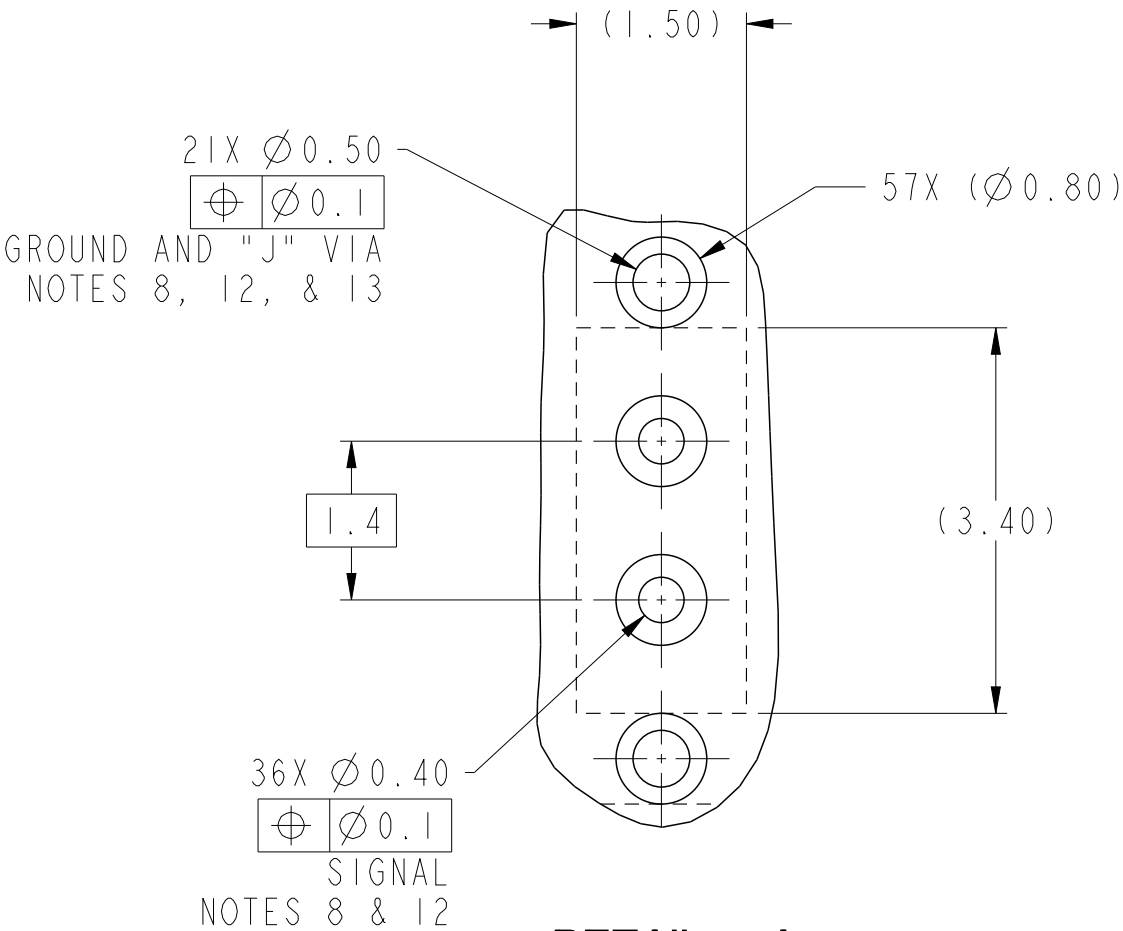
spec ref ---				dr Mark Gray		2012/01/28		projection		MM		size A2		scale 10:1	
tolerance std				eng Art Lin		2016/11/16						ecn no		ELX-DG-25255-1	
ASME Y14.5M				chr Heaven Cen		2016/11/17						rel level		Released	
				appr Pei-Ming Zheng		2016/11/18						product family		-	
surface		linear		Amphenol FCI		title AirMax VSE R.A. HEADER Ass'y, 3 Pair, 54 pos, 6 IMLA		dwg no 10119886		rev F					
		0.X ±.3													
		0.XX ±.15													
		0.XXX ±.050													
		angular 0° ±2°				cat. no. -		Product - Customer Drw				sheet 2 of 3			

	1	2	3	4	5	6	7	8
PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECTION CONTACT						
10119886-101LF	TIN OVER NICKEL (LEAD FREE)	NO						
10119886-111LF	TIN OVER NICKEL (LEAD FREE)	YES (SEE NOTE 14)						

- 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  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 IN ODD COLUMNS AND A, D, & G IN EVEN COLUMNS) REQUIRE (Ø0.50) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.40) FINISHED HOLES
- 13 - HESE OUTER VIAS (J) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECCOMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.
- 14 - MATING PIN E4 HAS 0.5mm LESS NOMINAL WIPE THAN THE SHORTEST PIN



10119886-101LF



DETAIL A
SCALE 15:1

spec ref ---				dr Mark Gray		2012/01/28		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 R.A. HEADER Ass'y, 3 Pair, 54 pos, 6 IMLA		dwg no 10119886		rev F					
												0.X ±.3			
												0.XX ±.15			
		0.XXX ±.050													
		angular 0° ±2°				cat. no. -		Product - Customer Drw				sheet 3 of 3			