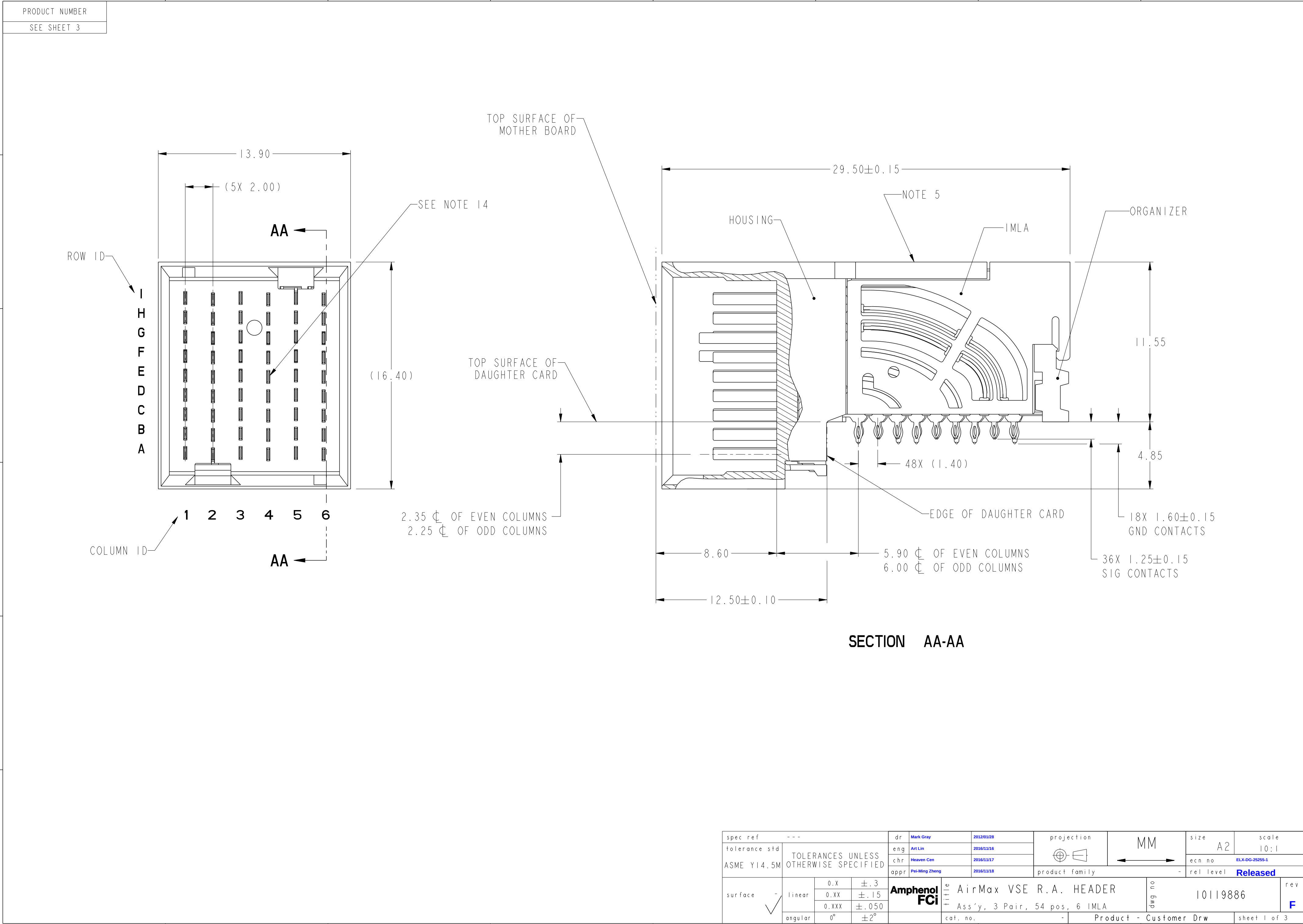
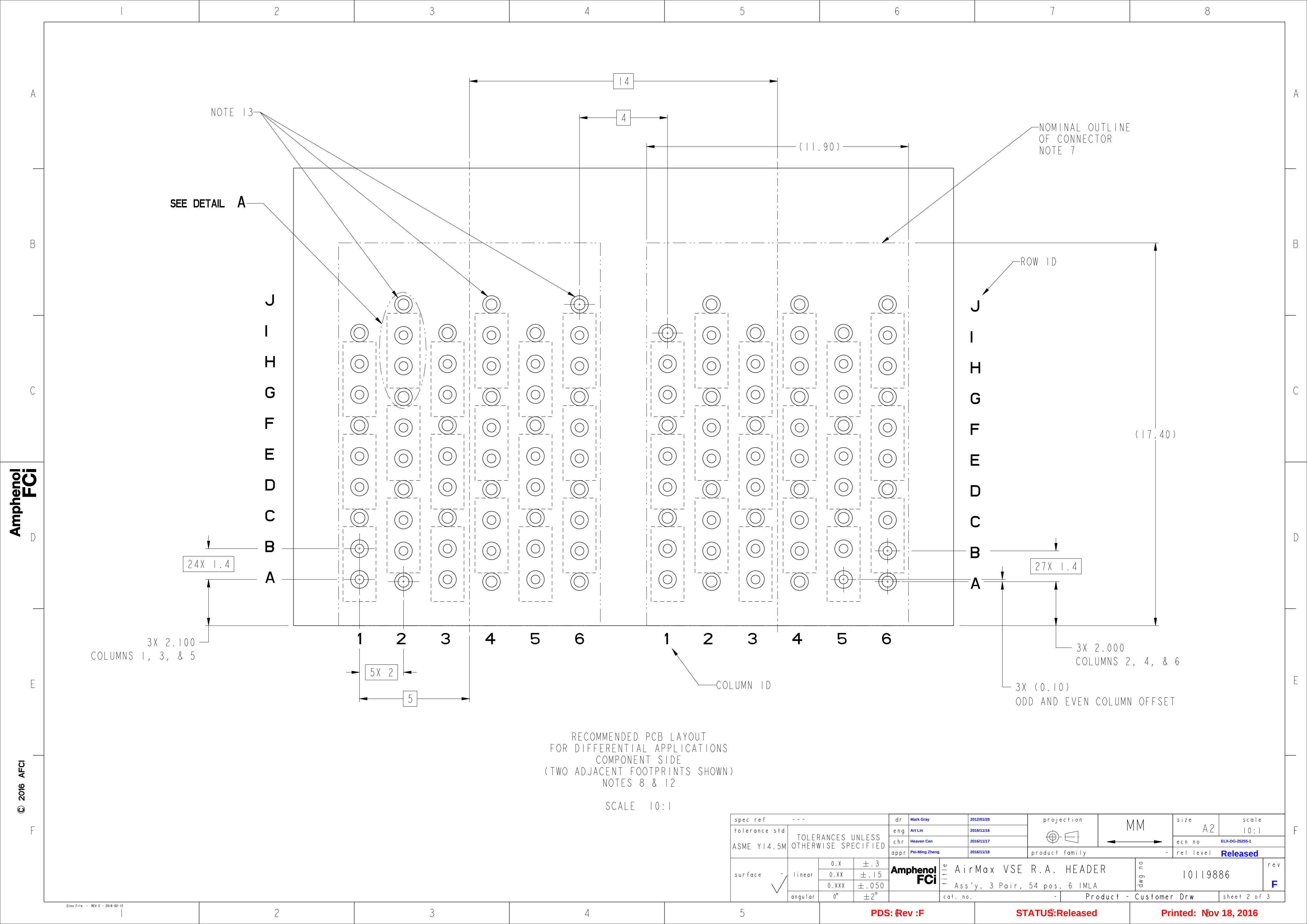






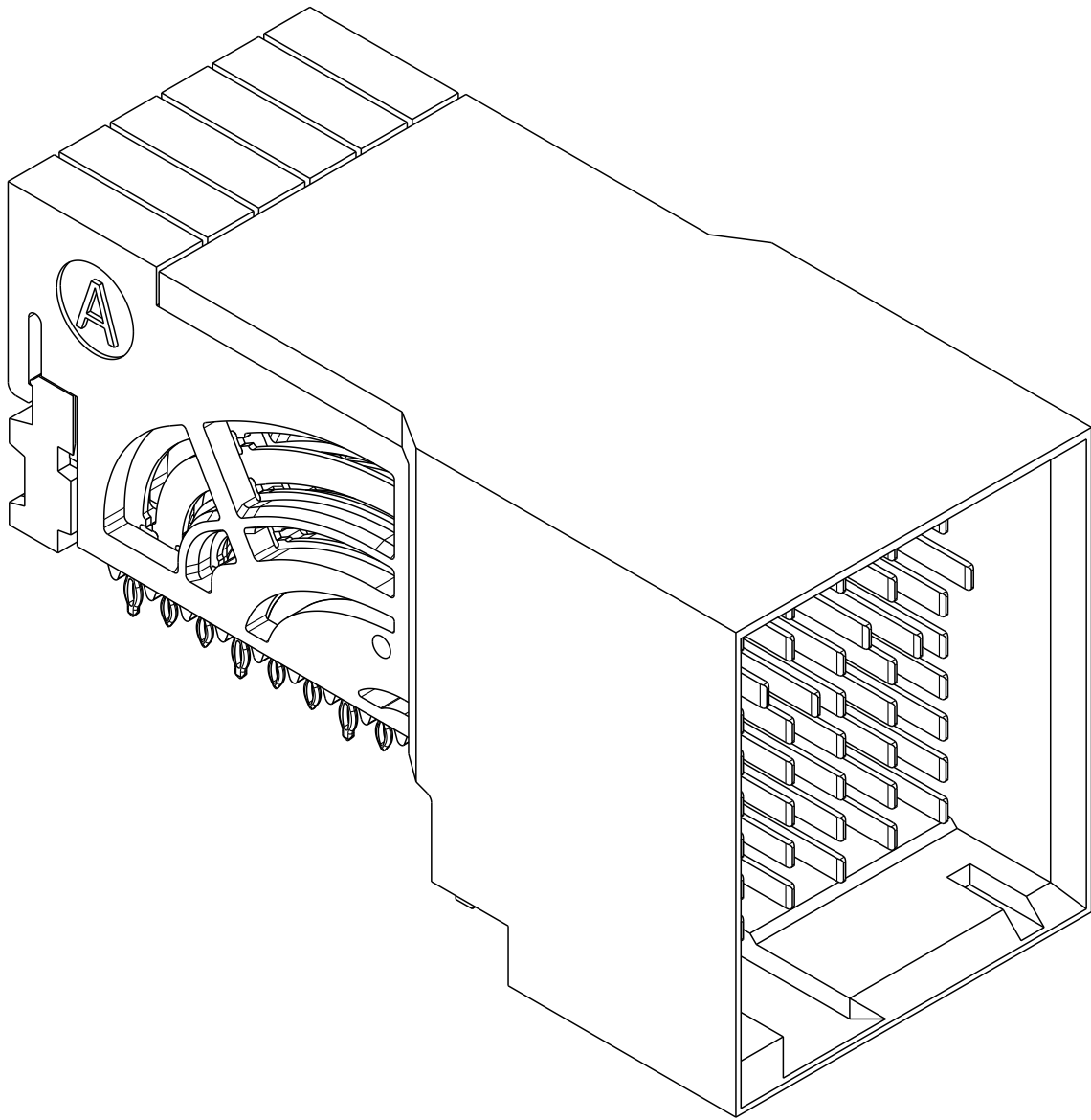
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 8 & 12

SCALE 10:1

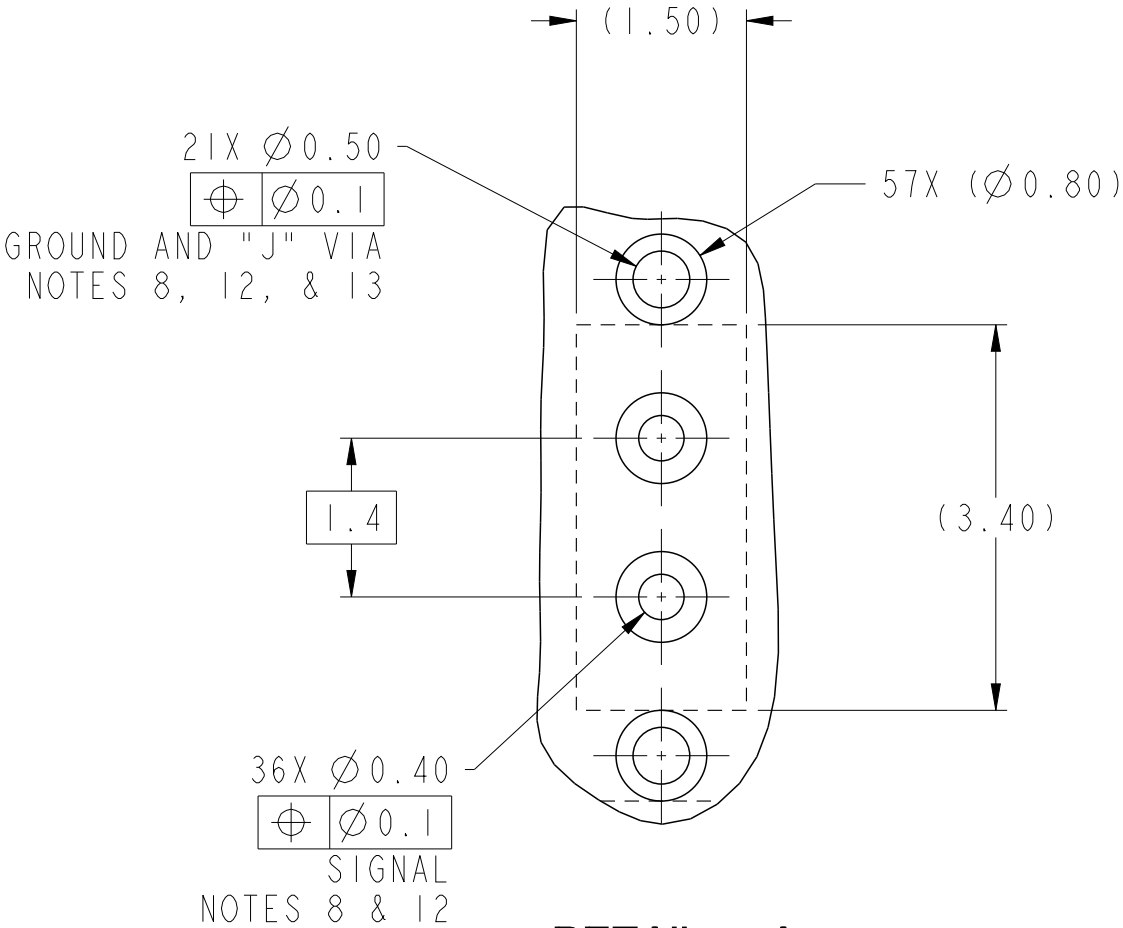
spec ref ---			dr Mark Gray		2012/01/28	projection MM	size A2	scale 10:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng Art Lin		2016/11/16		ecn no ELX-DG-25255-1	
ASME Y14.5M			chr Heaven Cen		2016/11/17			
			appr Pei-Ming Zheng		2016/11/18			product family -
surface	linear	0.X ±.3	Amphenol 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

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	ASME Y14.5M	eng	Art Lin	2016/11/16	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	±.3	0.XX	±.15	0.XXX	±.050	angular	0°	±2°
		Amphenol FCI		title		AirMax VSE R.A. HEADER		Ass'y, 3 Pair, 54 pos, 6 IMLA		
				cat. no.		-		Product - Customer Drw		sheet 3 of 3
				PDS: Rev :F		STATUS:Released		Printed: Nov 18, 2016		