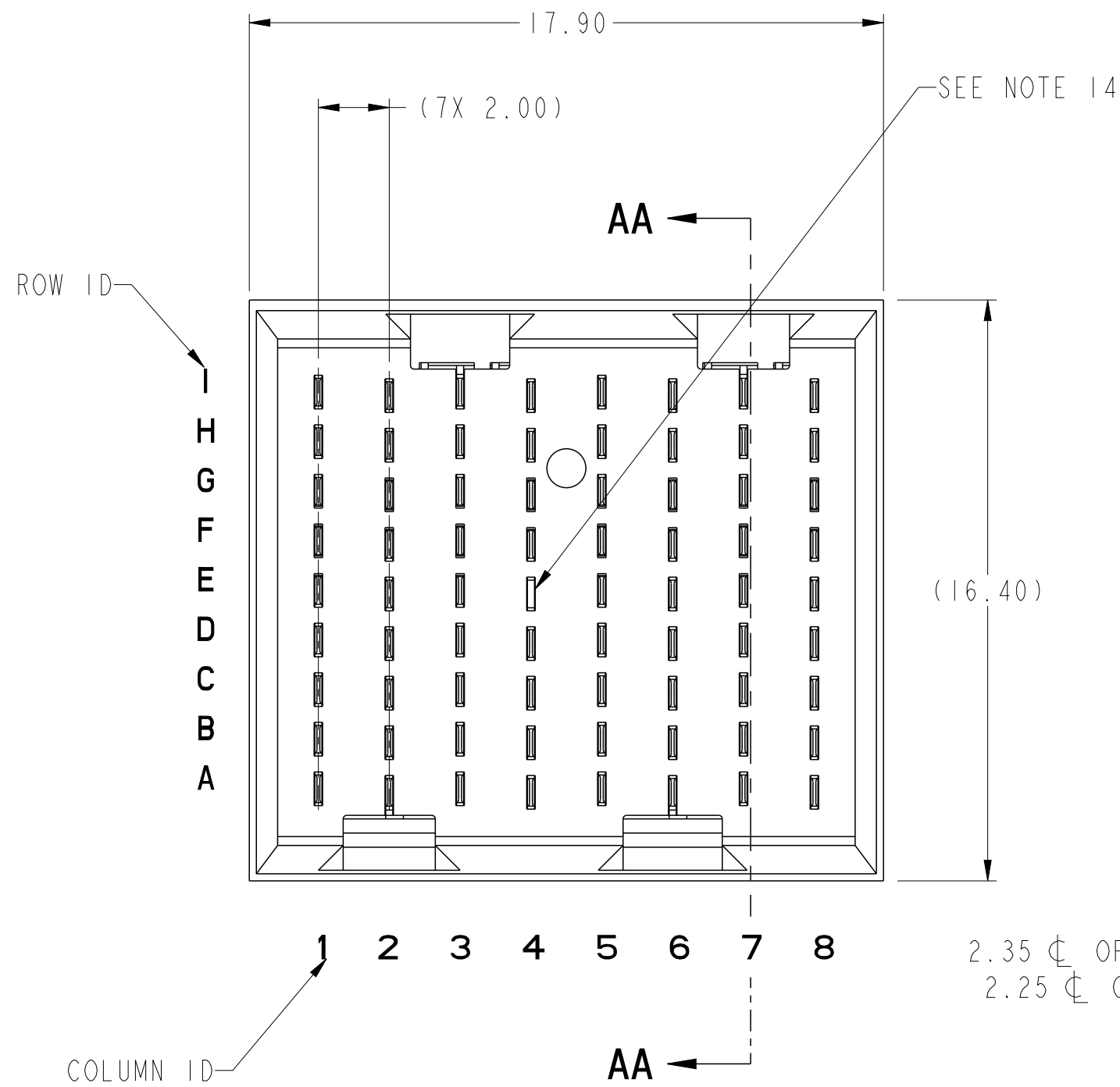
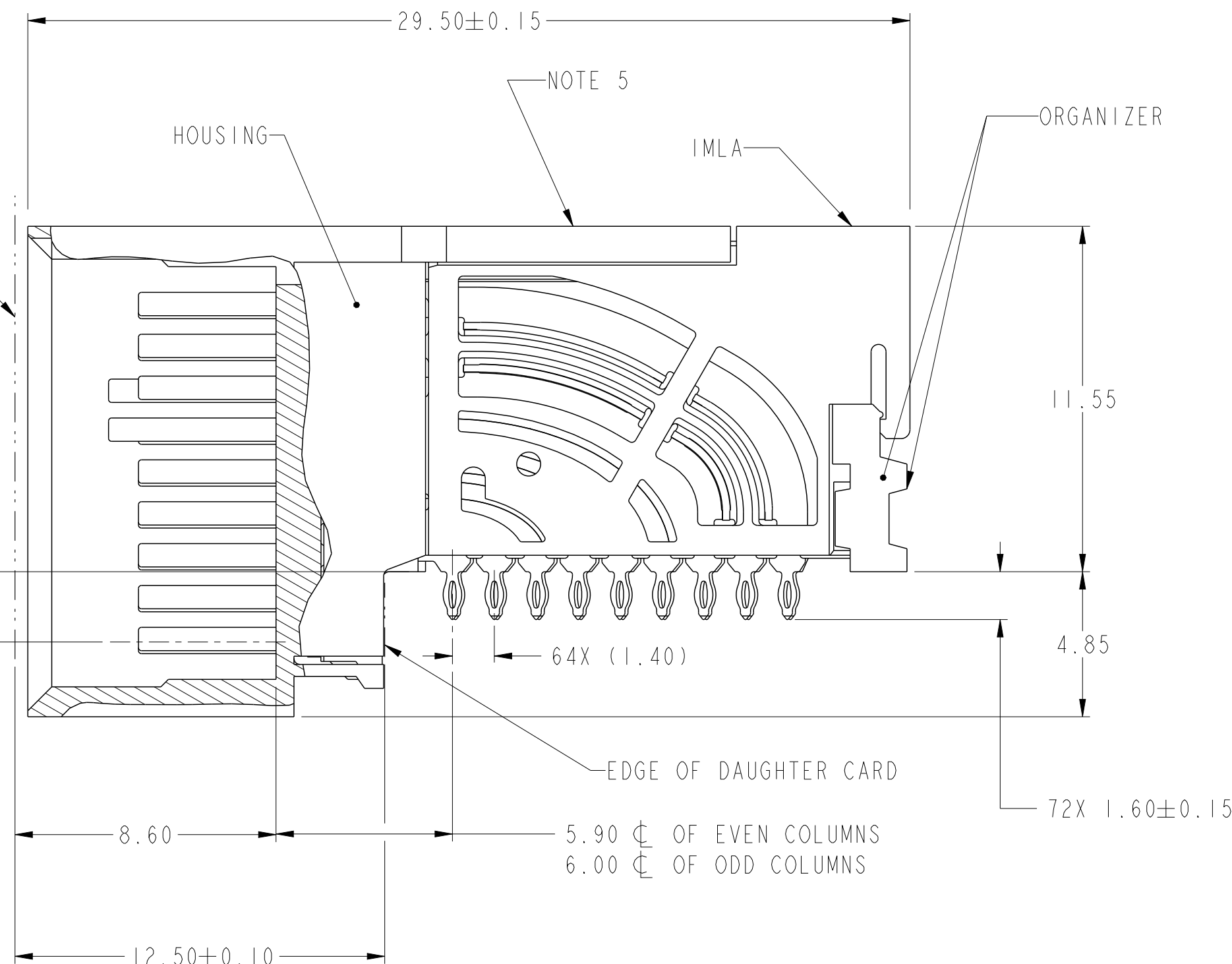


PRODUCT NUMBER
SEE SHEET 3



2.35 ϕ OF EVEN COLUMNS
2.25 ϕ OF ODD COLUMNS



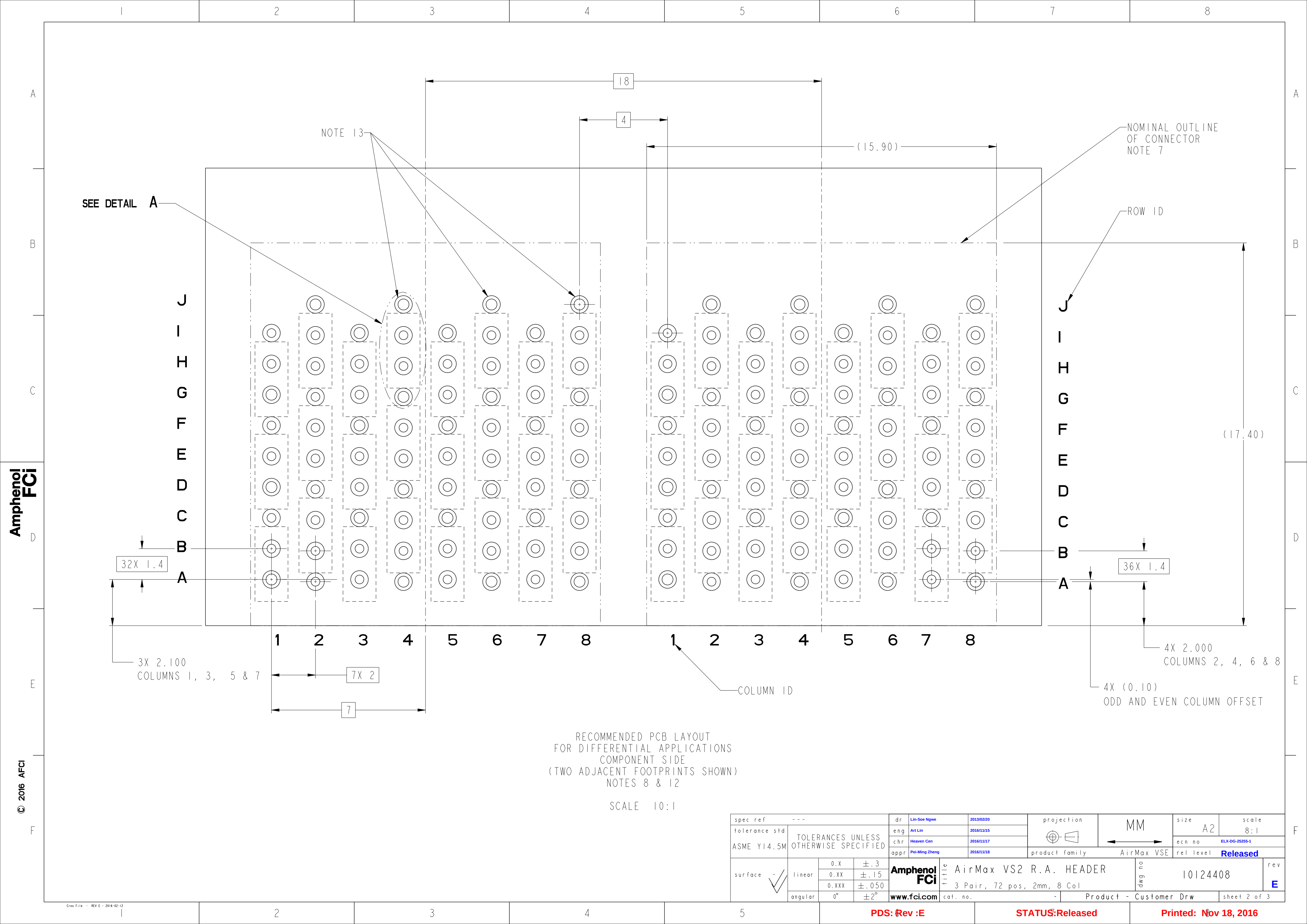
SECTION AA-AA

spec ref	---	dr	Lin-Soe Ngwe	2013/02/20	projection	MM	size	A2	scale	6:1
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/15	chr	Heaven Cen	ecn no	ELX-DG-25255-1	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2016/11/18	product family	AirMax VSE	cat. no.	10124408	rev	E
linear	0.X $\pm$.3 0.XX $\pm$.15 0.XXX $\pm$.050	Amphenol FCI	title	AirMax VS2 R.A. HEADER			dwg no	10124408		
angular	0° $\pm$ 2°	www.fci.com	cat. no.	-			Product - Customer Drw	sheet 1 of 3		

PDS: Rev :E

STATUS:Released

Printed: Nov 18, 2016

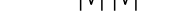


Amphenol
FCi

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

SCALE 10:1

spec ref		---		dr		Lin-Soe Ngwe		2013/02/20		projection		MM		size		A2		scale		8:1																																																											
tolerance std		ASME Y14.5M		eng		Art Lin		2016/11/15						ecn no		ELX-DG-25255-1																																																															
TOLERANCES UNLESS OTHERWISE SPECIFIED		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		Amphenol FCI										title										AirMax VS2 R.A. HEADER										dwg no										10124408										rev										E									
						0.XX		±.15																																																																							
				angular		0°		±2°		www.fci.com										cat. no.										-										Product - Customer Drw										sheet 2 of 3																													

PDS: Rev :E

STATUS:Released

Printed: Nov 18, 2016

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT	REMARKS
10124408-101	TIN/LEAD ALLOY OVER NICKEL	NO	1-SIDED PLATING (CUSTOMER SPECIAL)
10124408-101LF	TIN OVER NICKEL (LEAD FREE)		
10124408-111	TIN/LEAD ALLOY OVER NICKEL	YES (SEE NOTE 14)	
10124408-111LF	TIN OVER NICKEL (LEAD FREE)		
10124408-102	TIN/LEAD ALLOY OVER NICKEL	NO	2-SIDED PLATING
10124408-102LF	TIN OVER NICKEL (LEAD FREE)		
10124408-112	TIN/LEAD ALLOY OVER NICKEL	YES (SEE NOTE 14)	
10124408-112LF	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-XXX 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

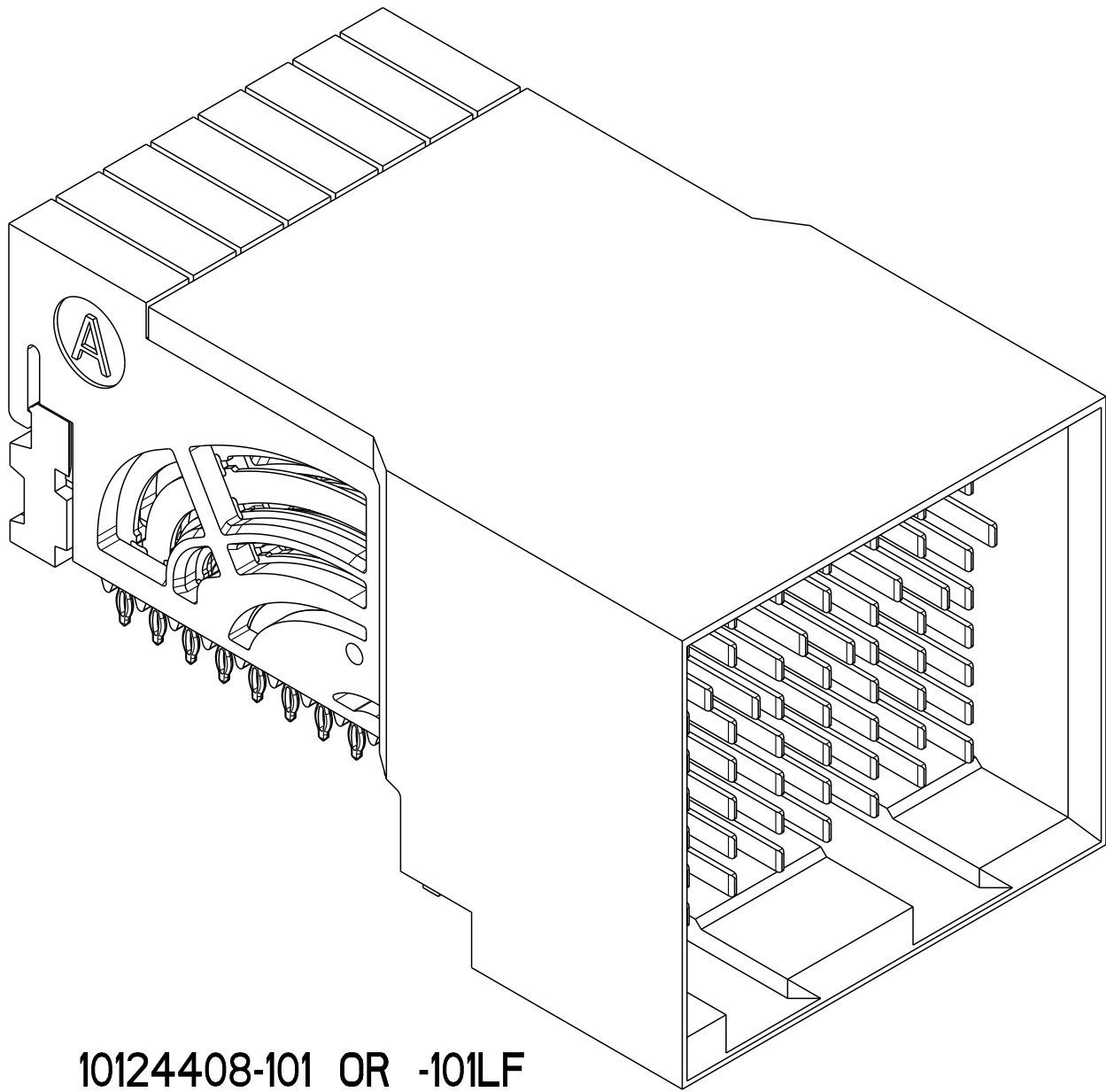
10 - A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE, WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

11 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

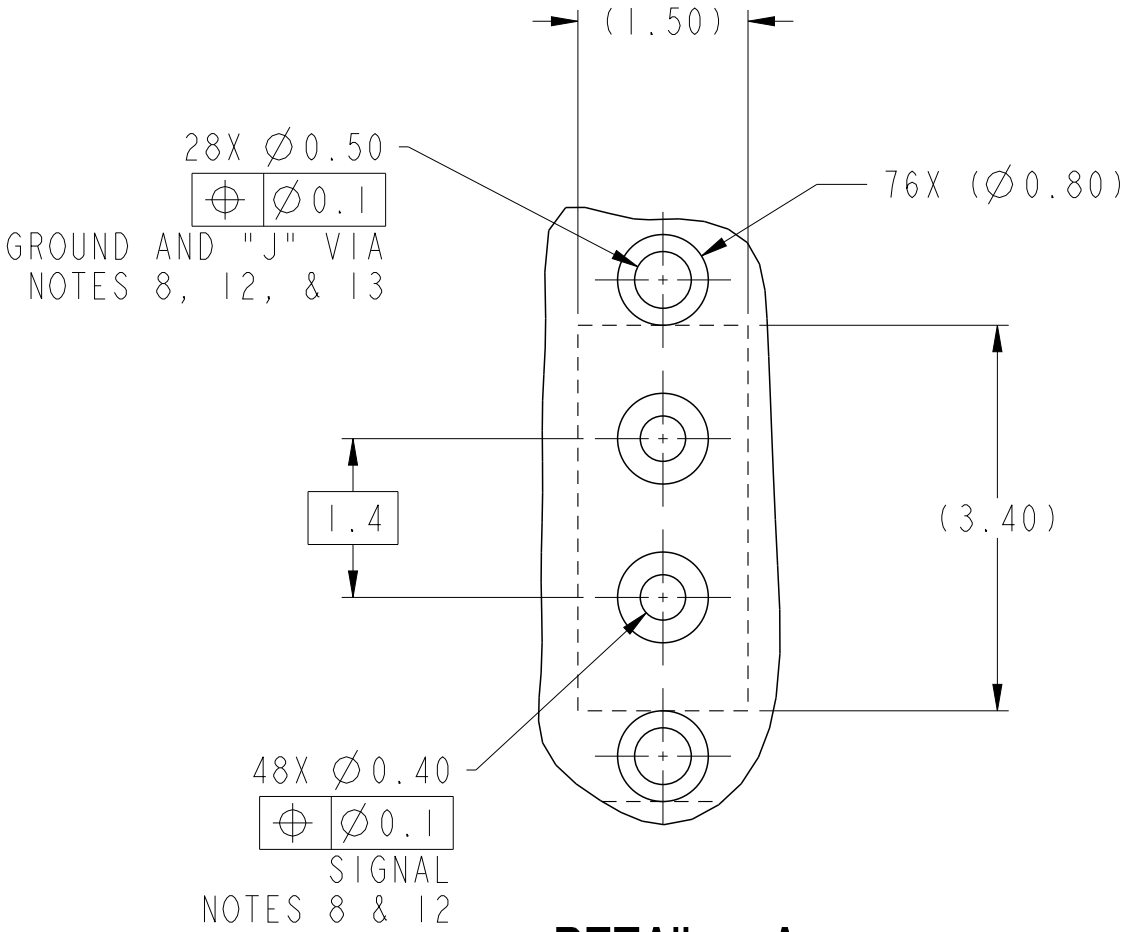
12 - GROUND CONTACTS (C, F, & I IN ODD COLUMNS AND A, D, & G IN EVEN COLUMNS) REQUIRE (Ø0.50) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.40) FINISHED HOLES

13 - THESE OUTER VIAS (J) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECOMMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.

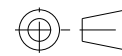
14. MATING PIN E4 HAS 0.5mm LESS NOMINAL WIPE THAN THE SHORTEST PIN.



10124408-101 OR -101LF



DETAIL A
SCALE 15:1

spec ref		---		dr		Lin-Soe Ngwe		2013/02/20		projection				size		A2		scale		5:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Art Lin		2016/11/15						ecn no		ELX-DG-25255-1		rel level		Released					
ASME Y14.5M				chr		Heaven Cen		2016/11/17																	
				appr		Pei-Ming Zheng		2016/11/18																	
										product family		AirMax VSE													
surface				linear		0.X		±.3		Amphenol FCI		title		AirMax VS2 R.A. HEADER		dwg no		10124408		rev					
																						0.XX		±.15	
																						0.XXX		±.050	
																						angular		0°	
						www.fci.com		cat. no.		-		Product - Customer Drw		sheet 3 of 3											

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[10124408-102LF](#) [10124408-112LF](#) [10124408-101LF](#) [10124408-111LF](#)