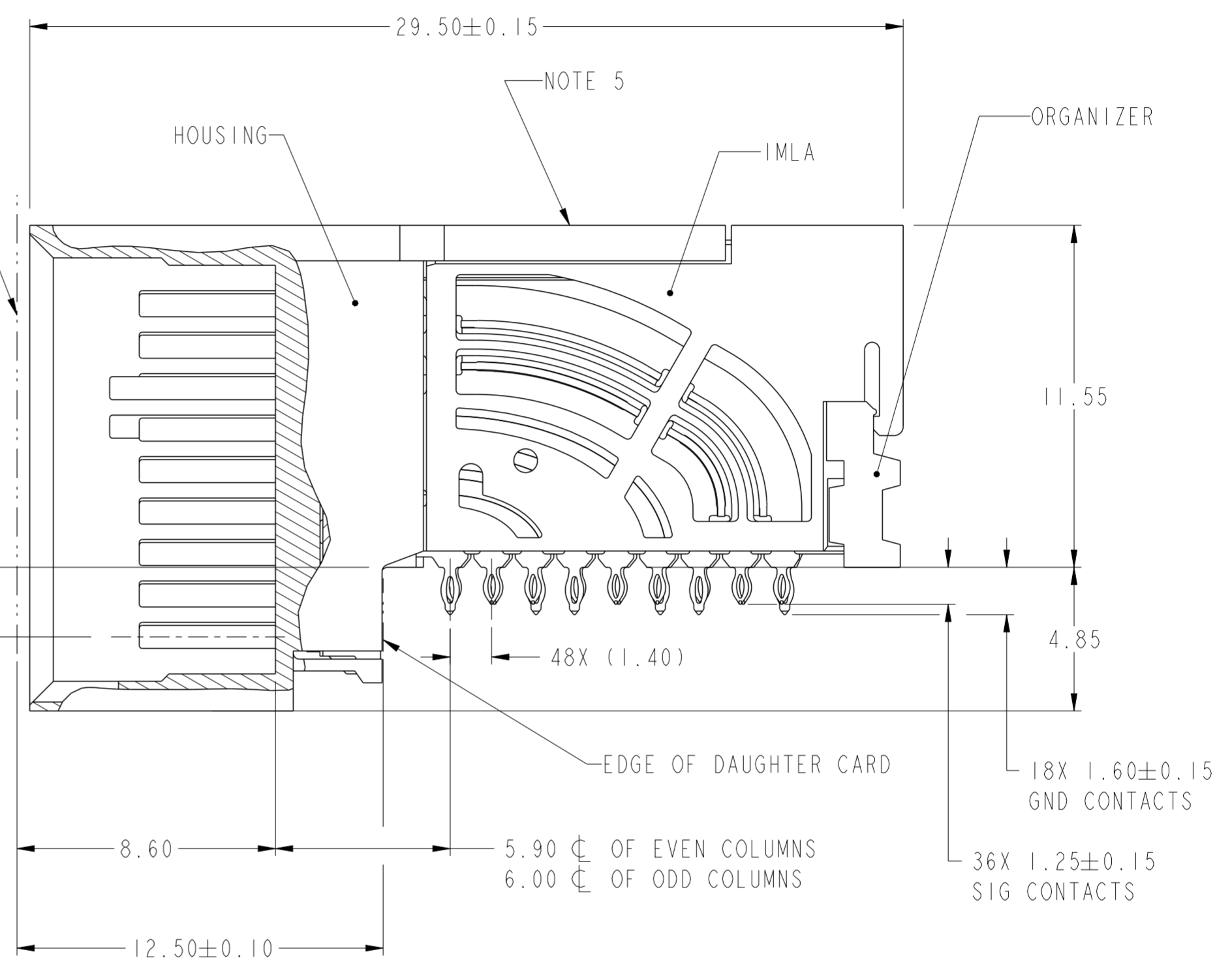
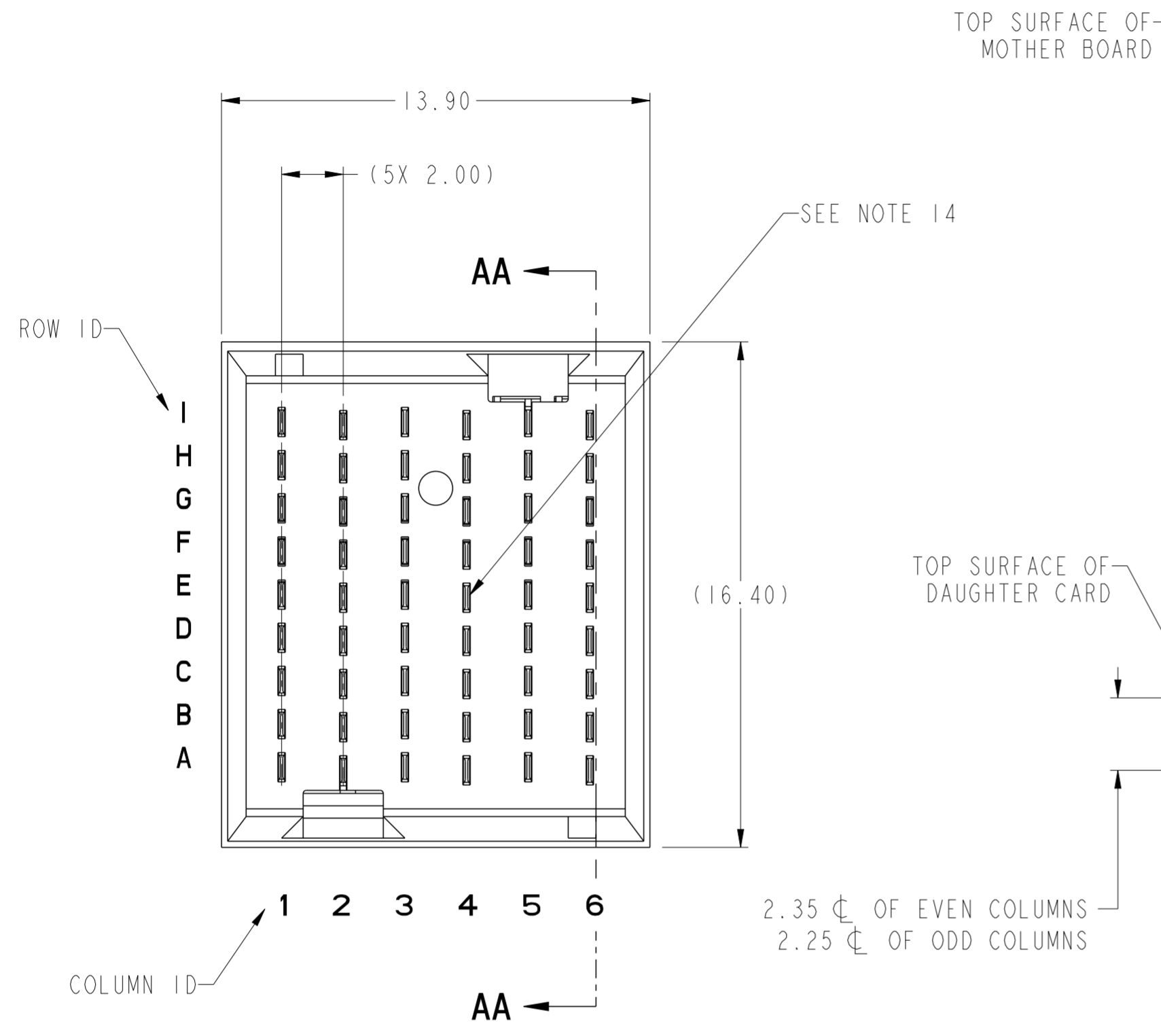


PRODUCT NUMBER  
SEE SHEET 3

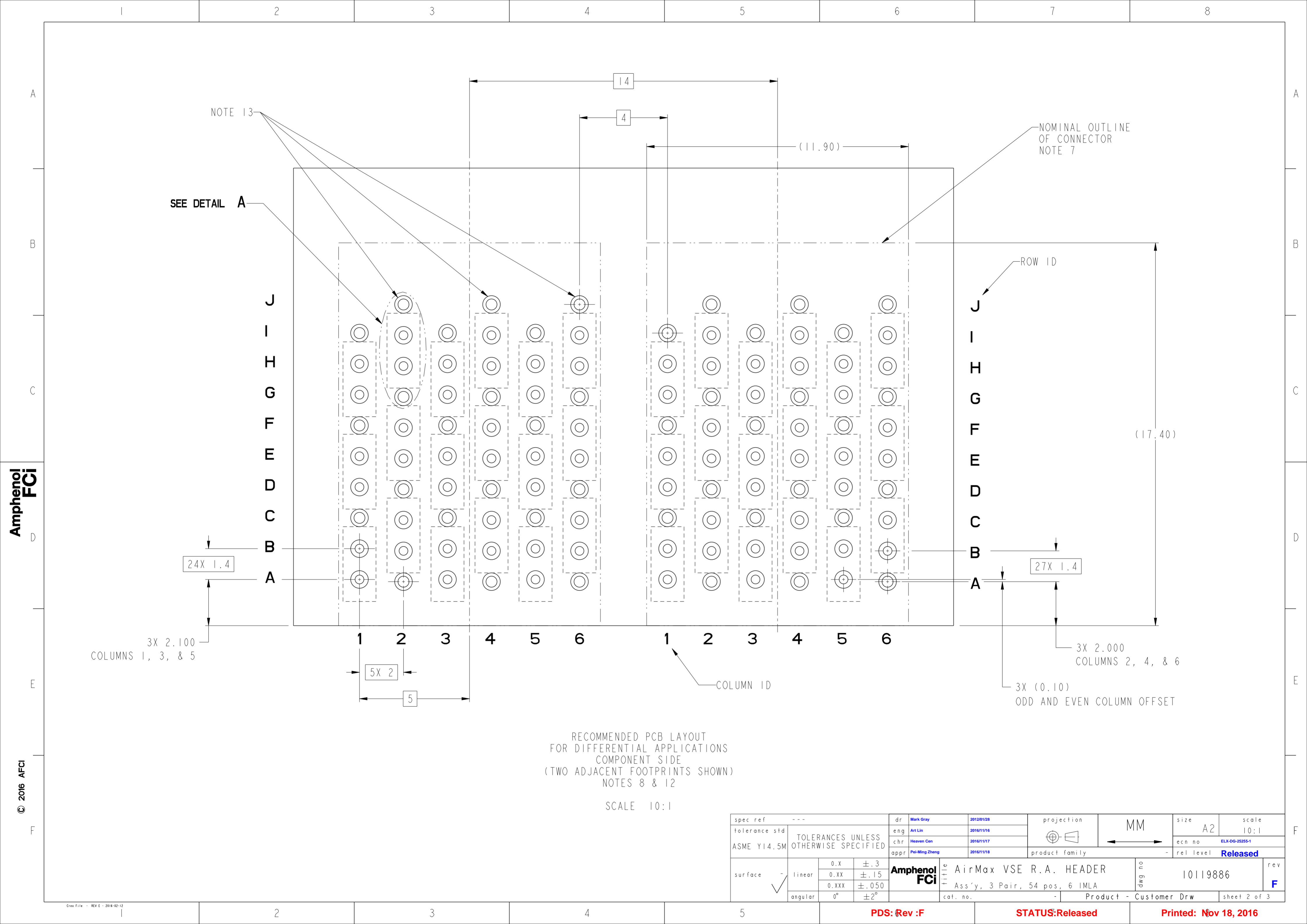


SECTION AA-AA

spec ref	---	dr	Mark Gray	2012/01/28	projection	MM	size	A2	scale	10:1											
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/16			ecn no	ELX-DG-25255-1	rel level	Released											
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17																	
		appr	Pai-Ming Zheng	2016/11/18																	
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td><math>\pm</math>.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td><math>\pm</math>.15</td> </tr> <tr> <td></td> <td>0.XXX</td> <td><math>\pm</math>.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td><math>\pm</math>2°</td> </tr> </table>	linear	0.X	$\pm$ .3		0.XX	$\pm$ .15		0.XXX	$\pm$ .050	angular	0°	$\pm$ 2°			<b>Amphenol FCI</b> title AirMax VSE R.A. HEADER Ass'y, 3 Pair, 54 pos, 6 IMLA		cat. no. - Product - Customer Drw	drwg no 10119886	rev F	sheet 1 of 3
linear	0.X	$\pm$ .3																			
	0.XX	$\pm$ .15																			
	0.XXX	$\pm$ .050																			
angular	0°	$\pm$ 2°																			

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	Mark Gray	2012/01/28	projection	MM	size	A2	scale	10:1								
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				rel level	Released									
		appr	Pai-Ming Zheng	2016/11/18														
surface	<table border="1"> <tr> <td rowspan="3">linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td>0.XX</td> <td>±.15</td> </tr> <tr> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±2°</td> </tr> </table>	linear	0.X	±.3	0.XX	±.15	0.XXX	±.050	angular	0°	±2°			<b>Amphenol FCI</b> title AirMax VSE R.A. HEADER Ass'y, 3 Pair, 54 pos, 6 IMLA		product family -	drg no 10119886	rev F
linear	0.X		±.3															
	0.XX		±.15															
	0.XXX	±.050																
angular	0°	±2°																
		cat. no.	Product - Customer Drw			sheet 2 of 3												

PDS: Rev :F

STATUS:Released

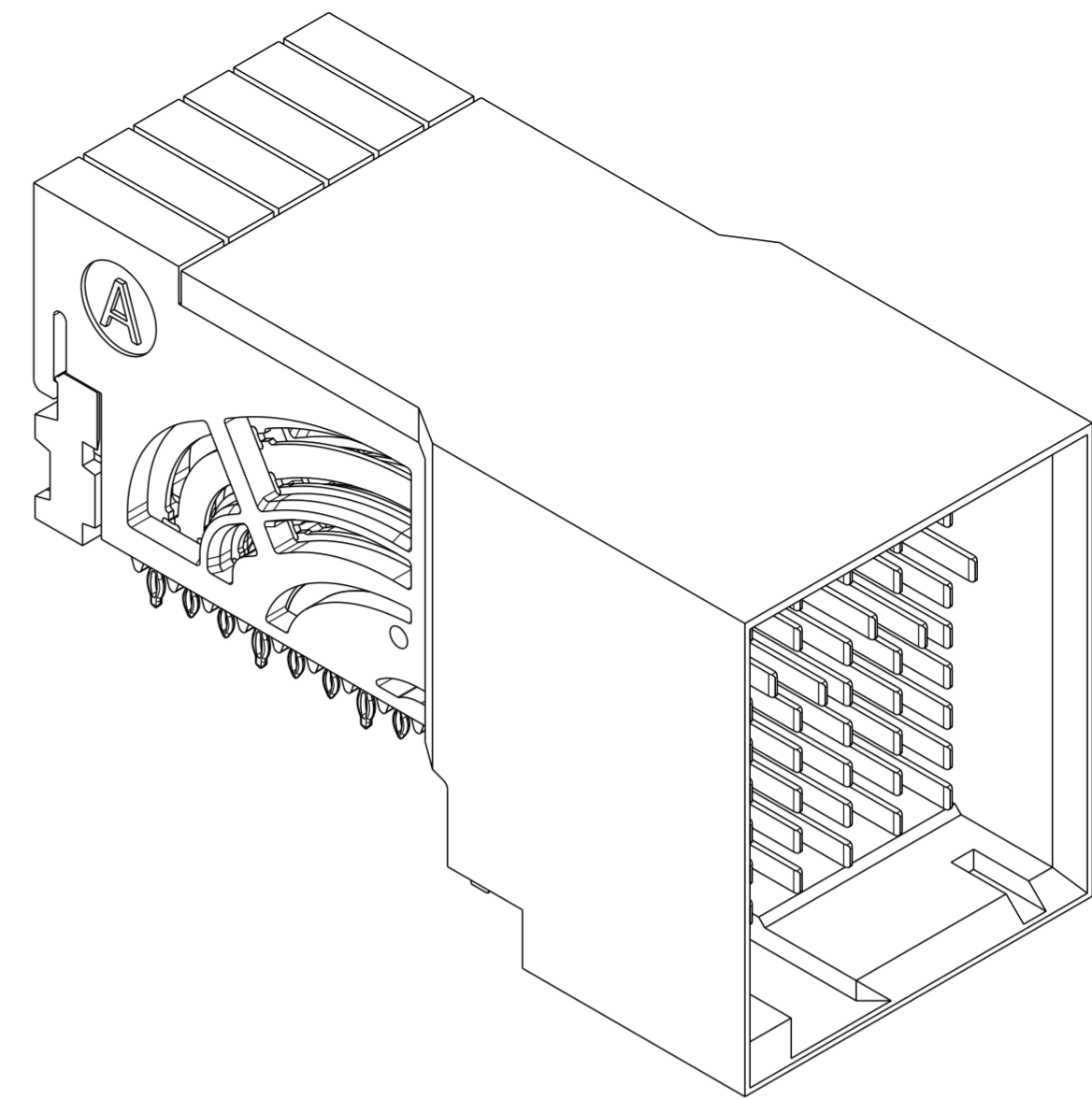
Printed: Nov 18, 2016

Amphenol FCI

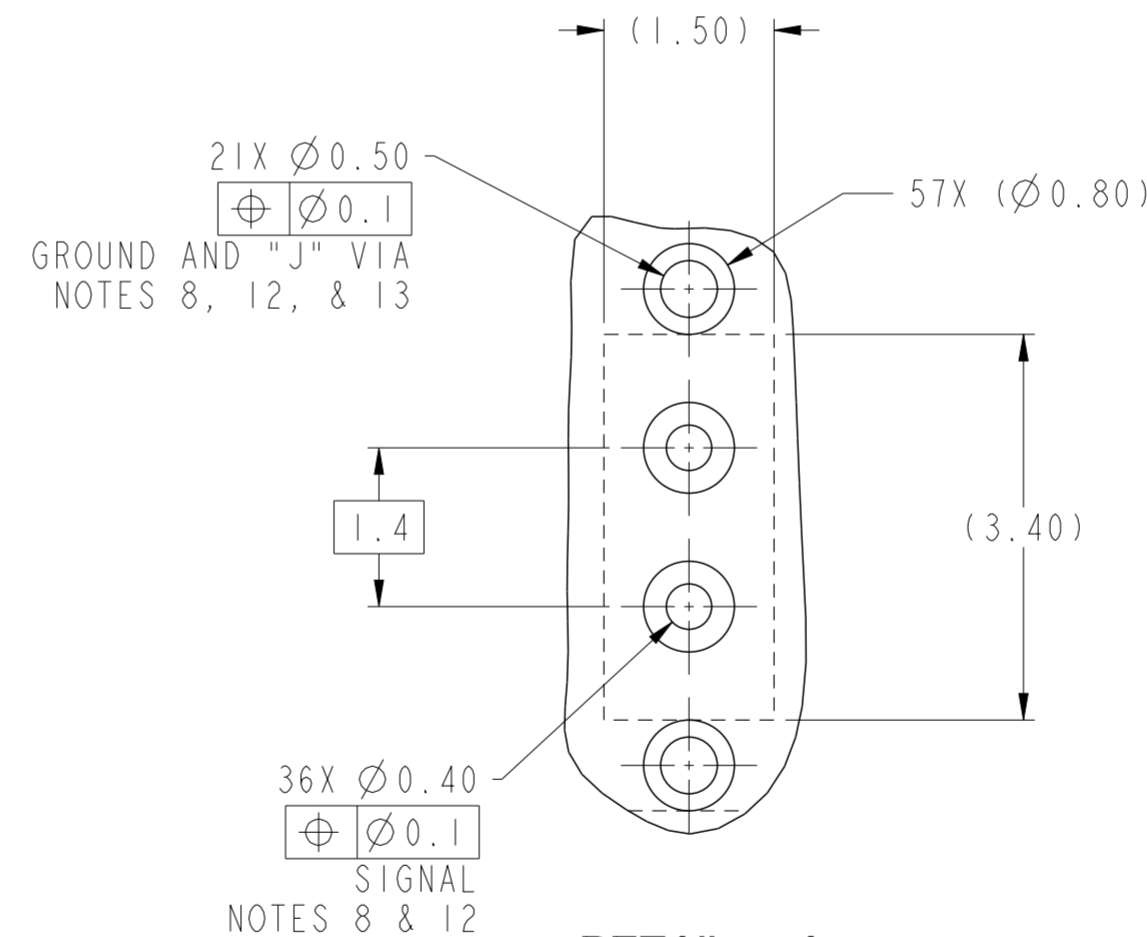
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PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECTION CONTACT
10119886-101LF	TIN OVER NICKEL (LEAD FREE)	NO
10119886-111LF	TIN OVER NICKEL (LEAD FREE)	YES (SEE NOTE 14)

- 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  $\triangle$  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 ( $\varnothing 0.50$ ) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE ( $\varnothing 0.40$ ) FINISHED HOLES
- 13 - THESE OUTER VIAS (J) 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.
- 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			ecn no	ELX-DG-2525-1													
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17			rel level	Released													
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.15</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±2°</td> </tr> </table>	linear	0.X	±.3				0.XX	±.15		0.XXX	±.050	angular	0°	±2°	appr	Pai-Ming Zheng	2016/11/18	product family		
linear	0.X	±.3																			
	0.XX	±.15																			
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angular	0°	±2°																			
				<b>title</b> AirMax VSE R.A. HEADER Ass'y, 3 Pair, 54 pos, 6 IMLA		<b>dwg no</b> 10119886	<b>rev</b> F														
				<b>cat. no.</b> -		<b>Product - Customer Drw</b>		sheet 3 of 3													