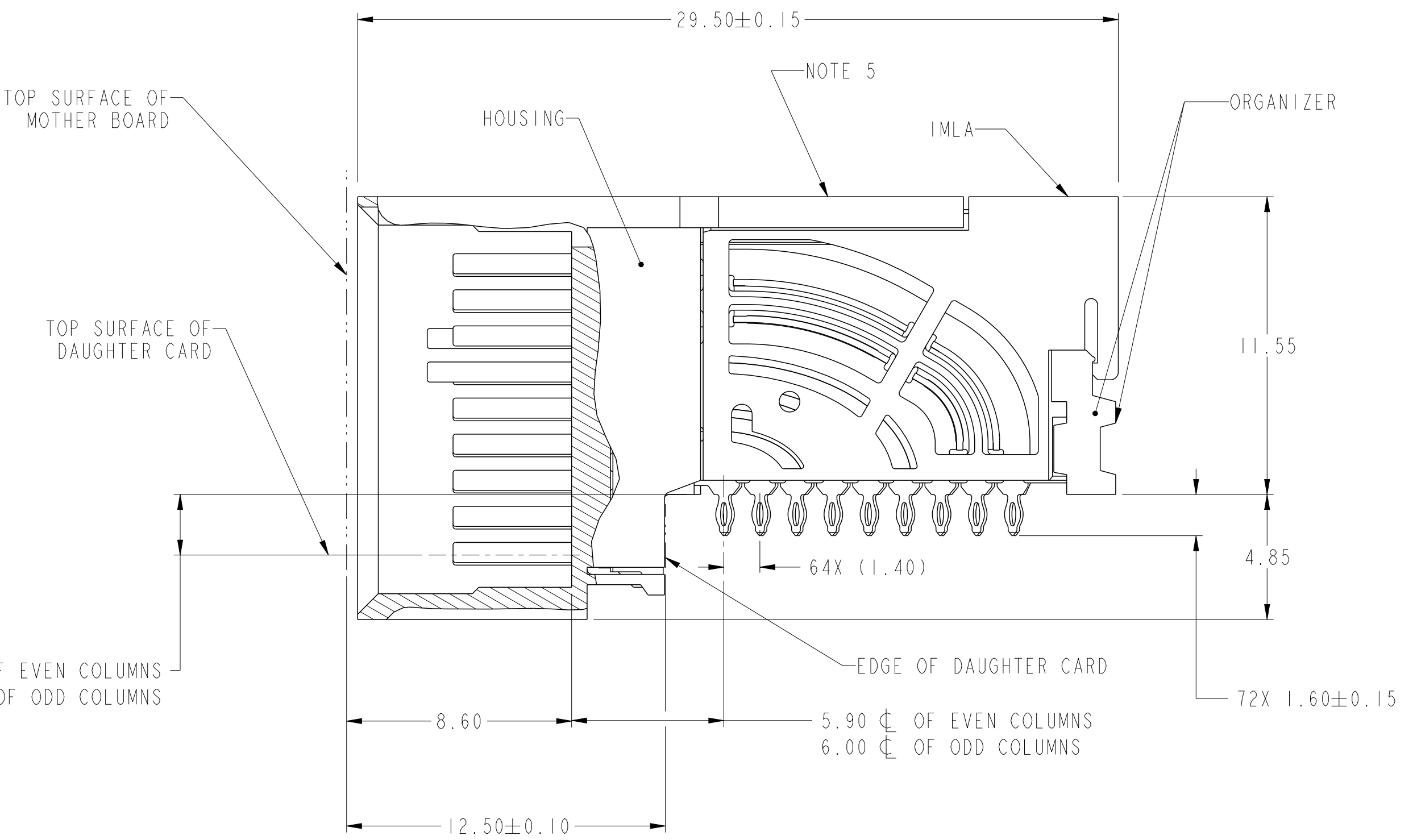
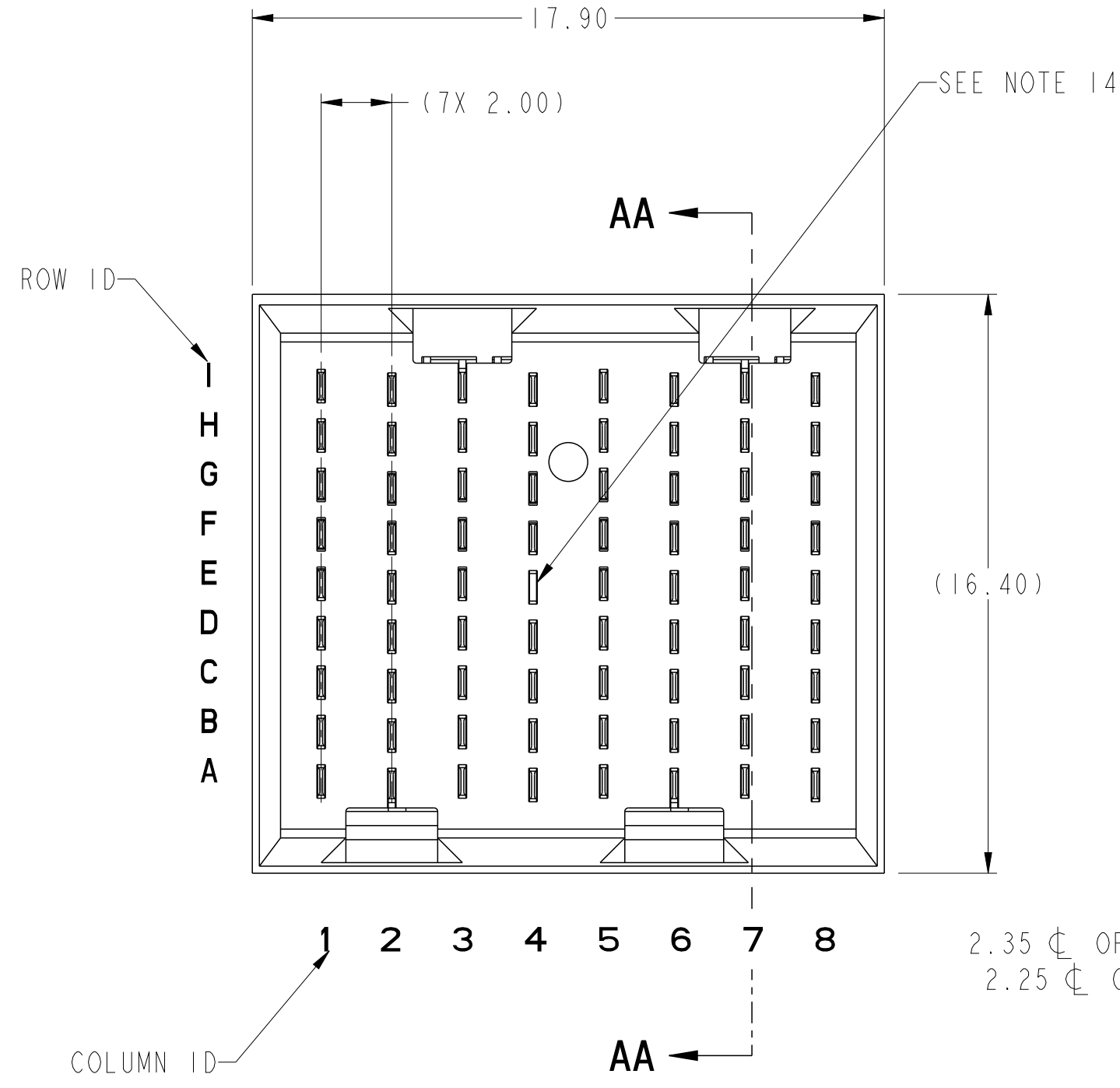


PRODUCT NUMBER  
SEE SHEET 3



SECTION AA-AA

Amphenol  
FCi

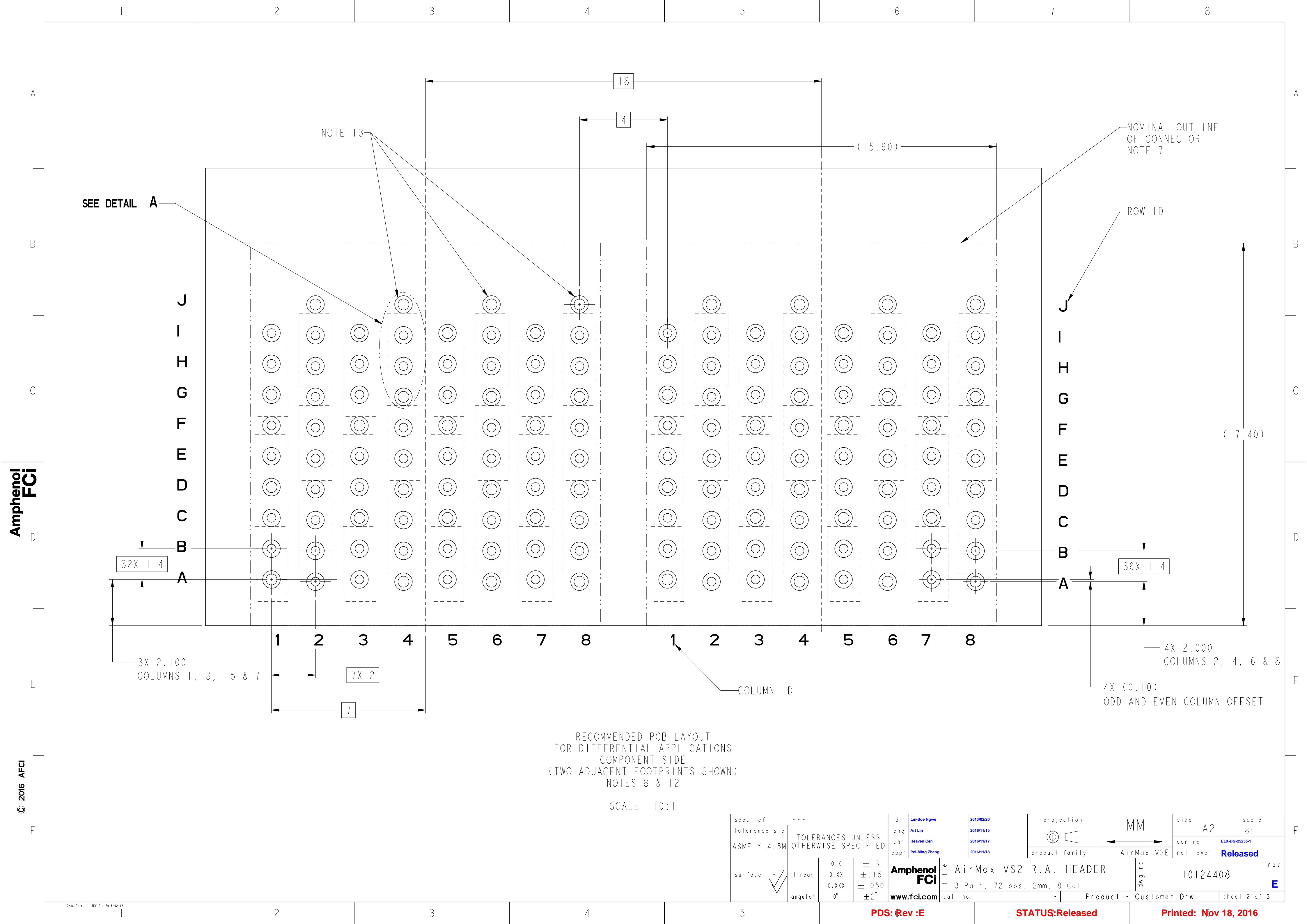
© 2016 APCI

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			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>Product Family</b> AirMax VSE		<b>Title</b> AirMax VS2 R.A. HEADER 3 Pair, 72 pos, 2mm, 8 Col	<b>Dwg no</b> 10124408	<b>rev</b> E
linear	0.X	$\pm$ .3																	
	0.XX	$\pm$ .15																	
	0.XXX	$\pm$ .050																	
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

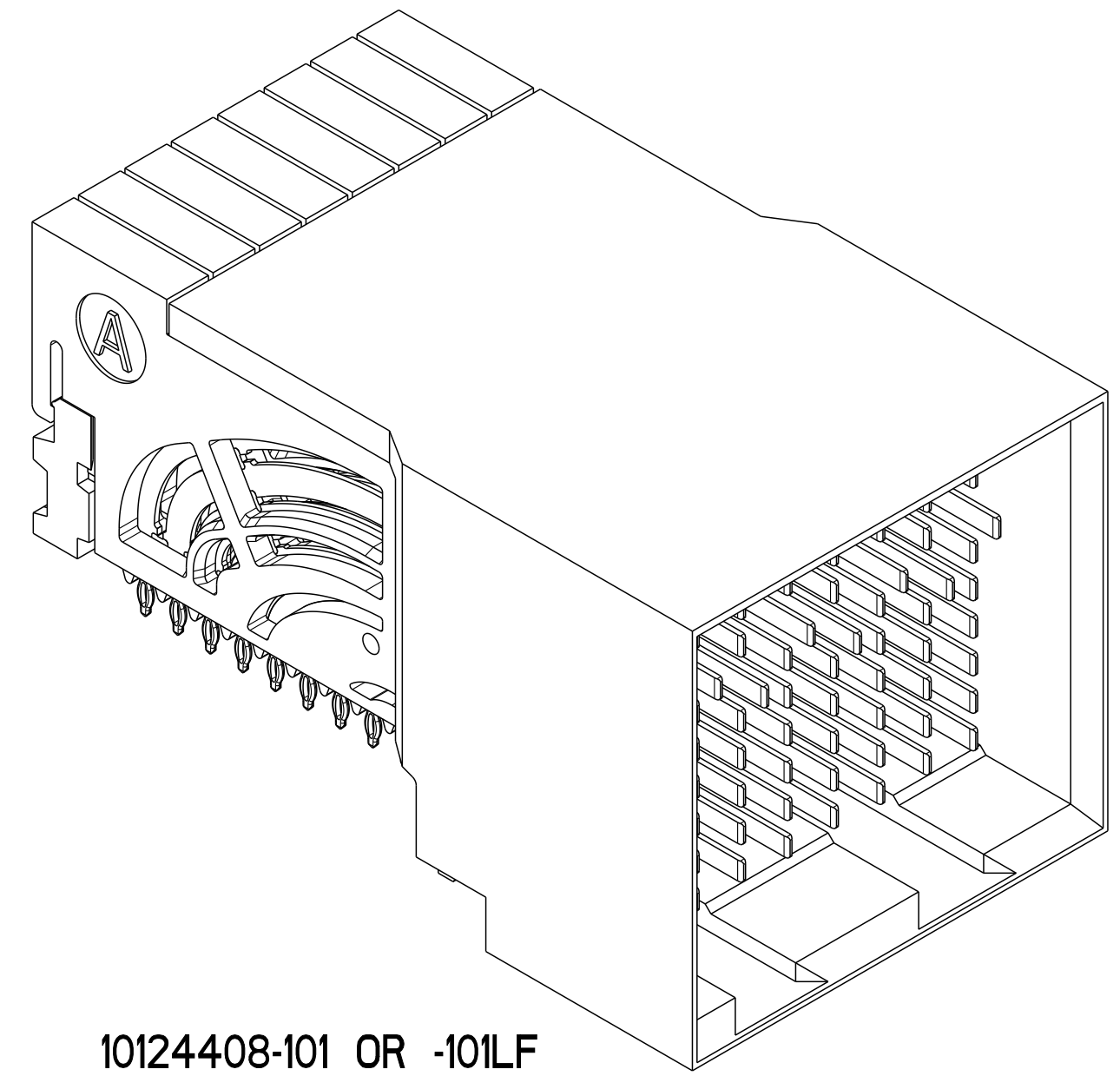


RECOMMENDED PCB LAYOUT  
 FOR DIFFERENTIAL APPLICATIONS  
 COMPONENT SIDE  
 (TWO ADJACENT FOOTPRINTS SHOWN)  
 NOTES 8 & 12

SCALE 10:1

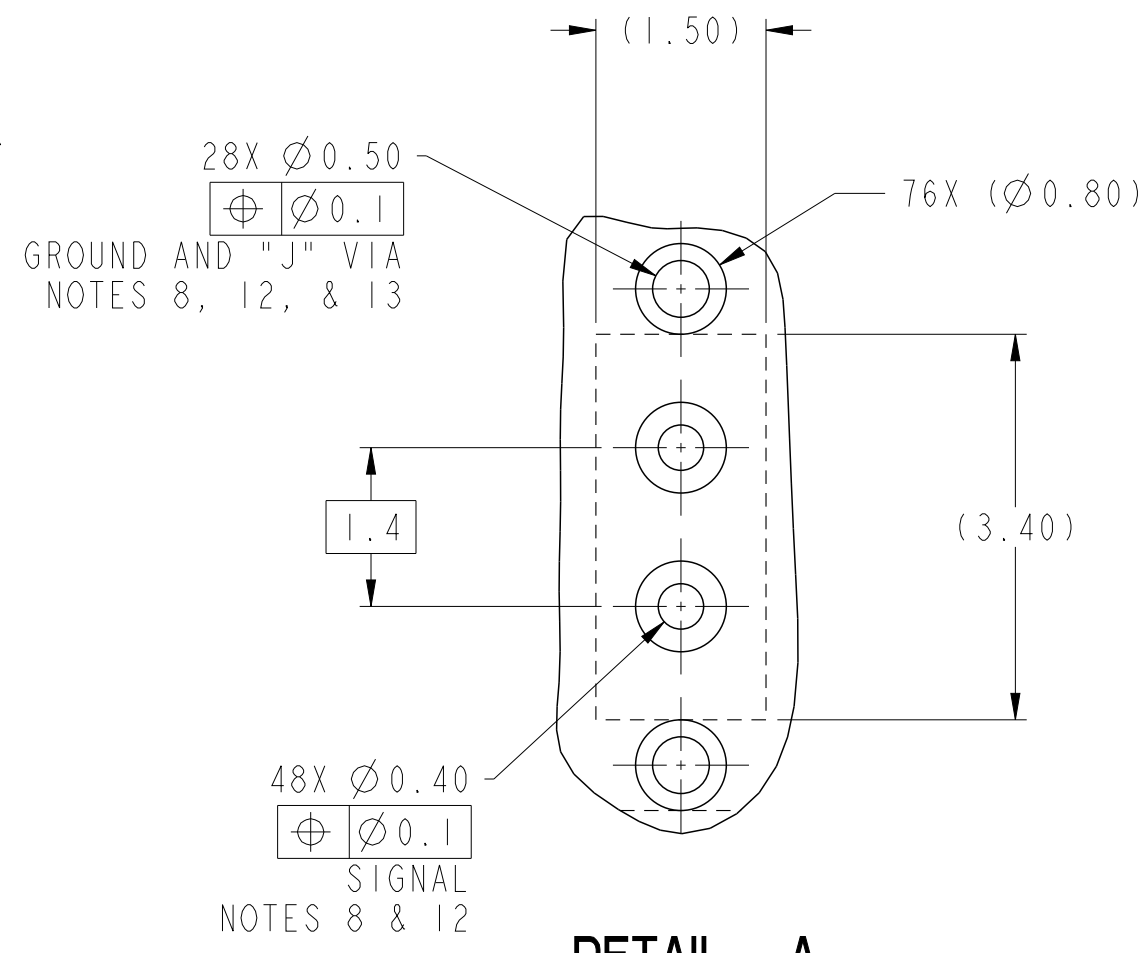
spec ref	---	dr	Lin-Soe Ngwe	2013/02/20	projection	MM	size	A2	scale	8:1										
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/15			ecn no	ELX-DG-2525-1	rel level	Released										
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17																
		appr	Pai-Ming Zheng	2016/11/18																
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.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°			<b>Amphenol FCI</b> title AirMax VS2 R.A. HEADER 3 Pair, 72 pos, 2mm, 8 Col		product family AirMax VSE	rel level Released	sheet 2 of 3
linear	0.X	±.3																		
	0.XX	±.15																		
	0.XXX	±.050																		
angular	0°	±2°																		
		www.fci.com	cat. no.	-		Product - Customer Drw	rev 10124408 E													

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)		



10124408-101 OR -101LF

- 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  $\triangle$  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.



DETAIL A  
SCALE 15:1

spec ref	---	dr	Lin-Soe Ngwe	2013/02/20	projection	MM	size	A2	scale	5:1												
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/15			ecn no	ELX-DG-25255-1	rel level	Released												
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17			product family	AirMax VSE														
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linear	0.X	±.3																				
	0.XX	±.15																				
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		www.fci.com		cat. no.	Product - Customer Drw		sheet 3 of 3															

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