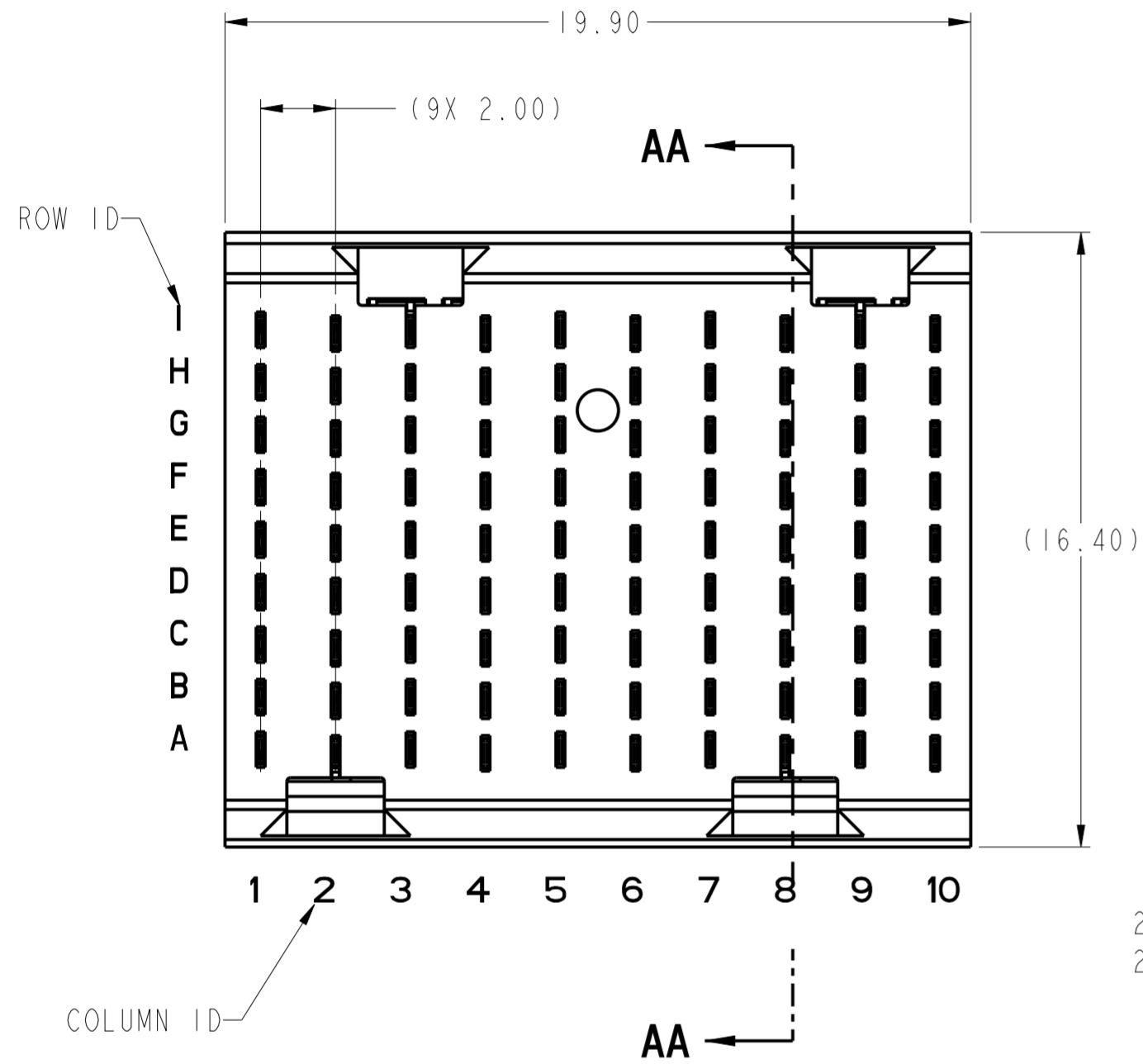


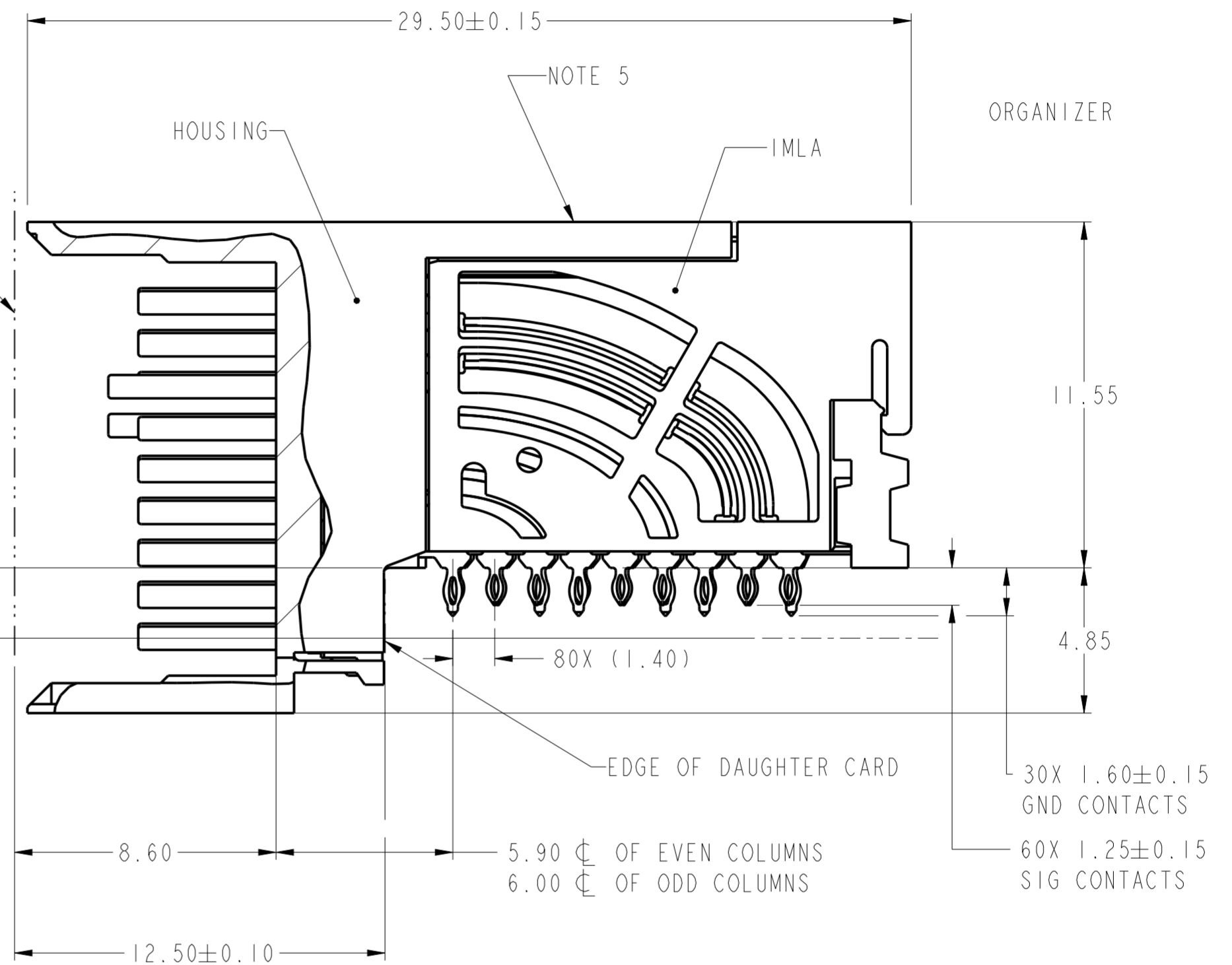
PRODUCT NUMBER  
SEE SHEET 3



TOP SURFACE OF MOTHER BOARD

TOP SURFACE OF DAUGHTER CARD

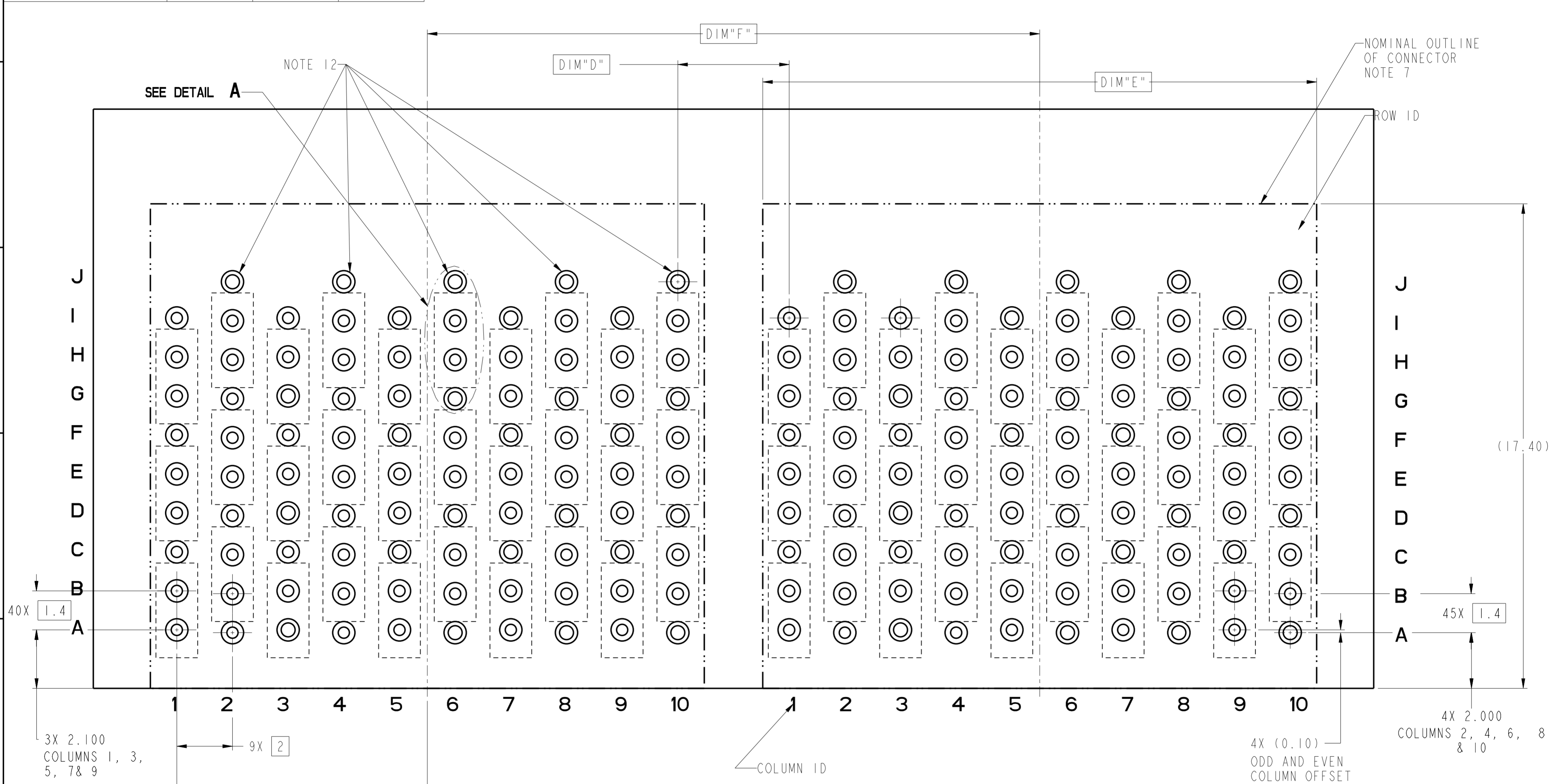
2.35  $\phi$  OF EVEN COLUMNS  
2.25  $\phi$  OF ODD COLUMNS



SECTION AA-AA

spec ref	---	dr	Lin-Soe Ngwe	2013/02/27	projection	MM	size	A2	scale	6:1											
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/14			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><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> www.fci.com		<b>AirMax VSE R.A. HEADER</b> Ass'y, 3 Pair, 90 pos, 10 IMLA, 2 Wall		cat. no. Product - Customer Drw	dwg no 10124471	rev D	sheet 1 of 3
linear	0.X	$\pm$ .3																			
	0.XX	$\pm$ .15																			
	0.XXX	$\pm$ .050																			
angular	0°	$\pm$ 2°																			

DESCRIPTION	DIM D	DIM E	DIM F
2-20MM MODULES PLACED END TO END.	2.0	19.90 2X	20.00
1-20MM MODULE & 1-22 MODULE PLACED END TO END	3.0	19.90 1X & 21.90 X 1X	21.00



SEE DETAIL A

NOTE 12

NOMINAL OUTLINE OF CONNECTOR NOTE 7

ROW ID

COLUMN ID

RECOMMENDED PCB LAYOUT FOR DIFFERENTIAL APPLICATIONS COMPONENT SIDE (TWO ADJACENT FOOTPRINTS SHOWN) NOTES 8 & 11

SCALE 10:1

3X 2.100 COLUMNS 1, 3, 5, 7 & 9

9X 2

40X 1.4

45X 1.4

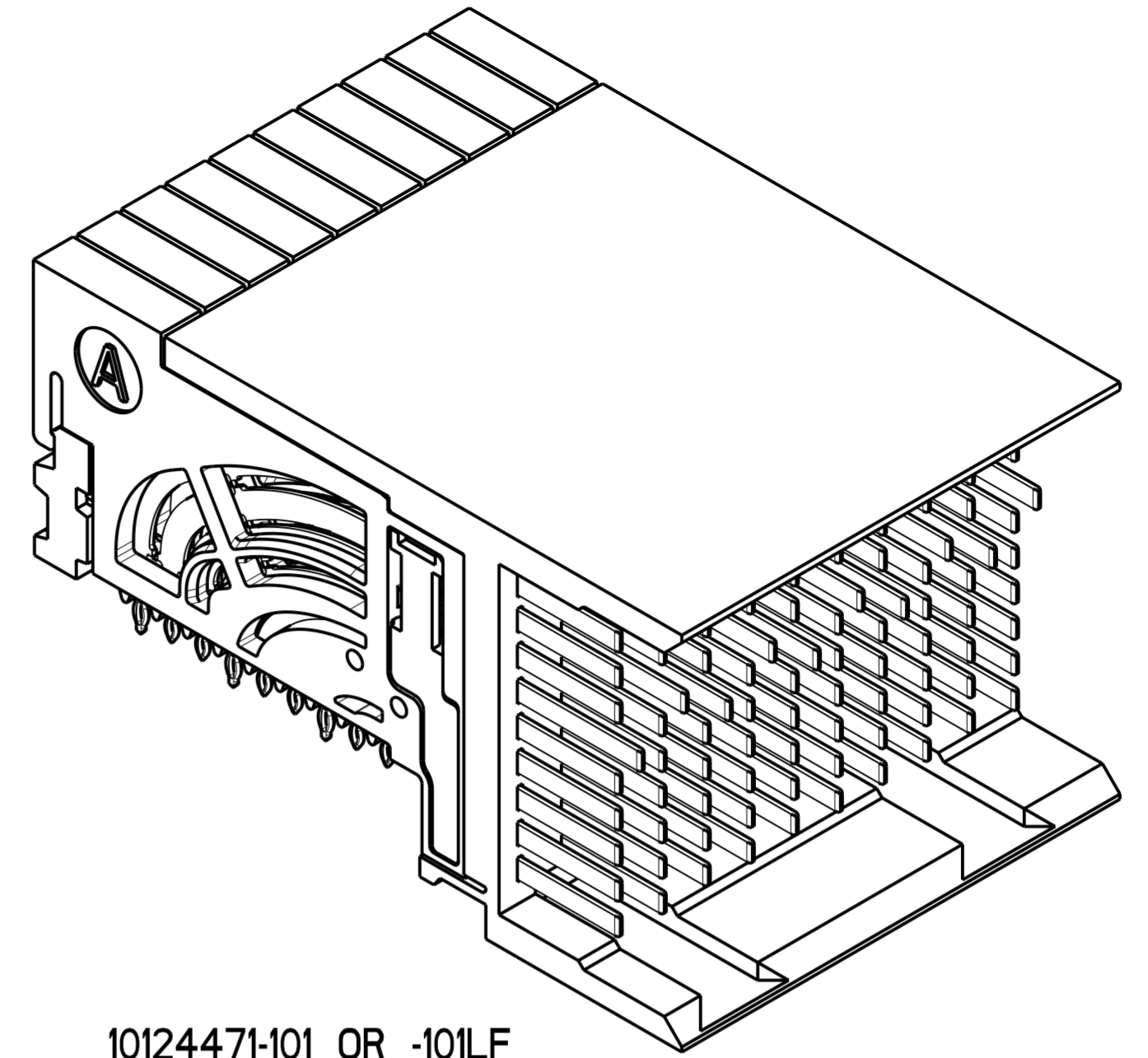
4X 2.000 COLUMNS 2, 4, 6, 8 & 10

4X (0.10) ODD AND EVEN COLUMN OFFSET

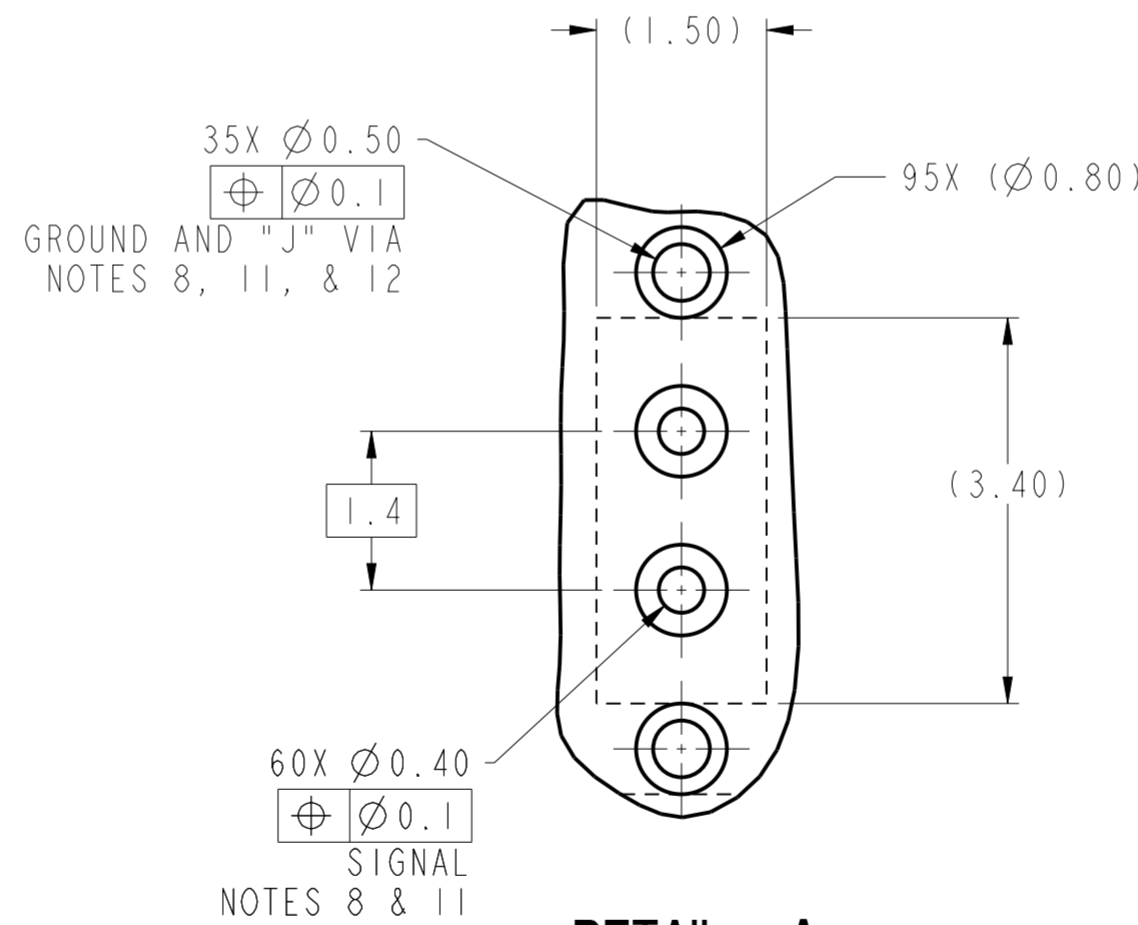
spec ref	---	dr	Lin-Soe Ngwe	2013/02/27	projection	MM	size	A2	scale	8:1
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/14			ecn no	ELX-DG-2525-1	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17						
surface	✓	appr	Pei-Ming Zheng	2016/11/18	<b>Amphenol FCI</b> <b>AirMax VSE R.A. HEADER</b> Ass'y, 3 Pair, 90 pos, 10 IMLA, 2 Wall		www.fci.com cat. no.	10124471 Product - Customer Draw	rev D	sheet 2 of 3

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10124471-101	TIN/LEAD ALLOY OVER NICKEL
10124471-101LF	TIN OVER NICKEL (LEAD FREE)

- 1 - CONNECTOR MATERIALS:  
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0  
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0  
CONTACT: COPPER ALLOY  
ORGANIZER: HIGH TEMP THERMOPLASTIC, BLACK, 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 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- 11 - 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
- 12 - 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.



10124471-101 OR -101LF



DETAIL A  
SCALE 15:1

spec ref	---	dr	Lin-Soe Ngwe	2013/02/27	projection	MM	size	A2	scale	5:1												
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/14			ecn no	ELX-DG-2525-1	rel level	Released												
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17			product family	AirMax VSE														
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td><math>\pm .3</math></td> </tr> <tr> <td></td> <td>0.XX</td> <td><math>\pm .15</math></td> </tr> <tr> <td></td> <td>0.XXX</td> <td><math>\pm .050</math></td> </tr> <tr> <td>angular</td> <td>0°</td> <td><math>\pm 2^\circ</math></td> </tr> </table>	linear	0.X	$\pm .3$		0.XX	$\pm .15$		0.XXX	$\pm .050$	angular	0°	$\pm 2^\circ$	appr	Pai-Ming Zheng	2016/11/18	title	AirMax VSE R.A. HEADER	dwg no	10124471	rev	D
linear	0.X	$\pm .3$																				
	0.XX	$\pm .15$																				
	0.XXX	$\pm .050$																				
angular	0°	$\pm 2^\circ$																				
		www.fci.com			cat. no.	Product - Customer Drw		sheet 3 of 3														