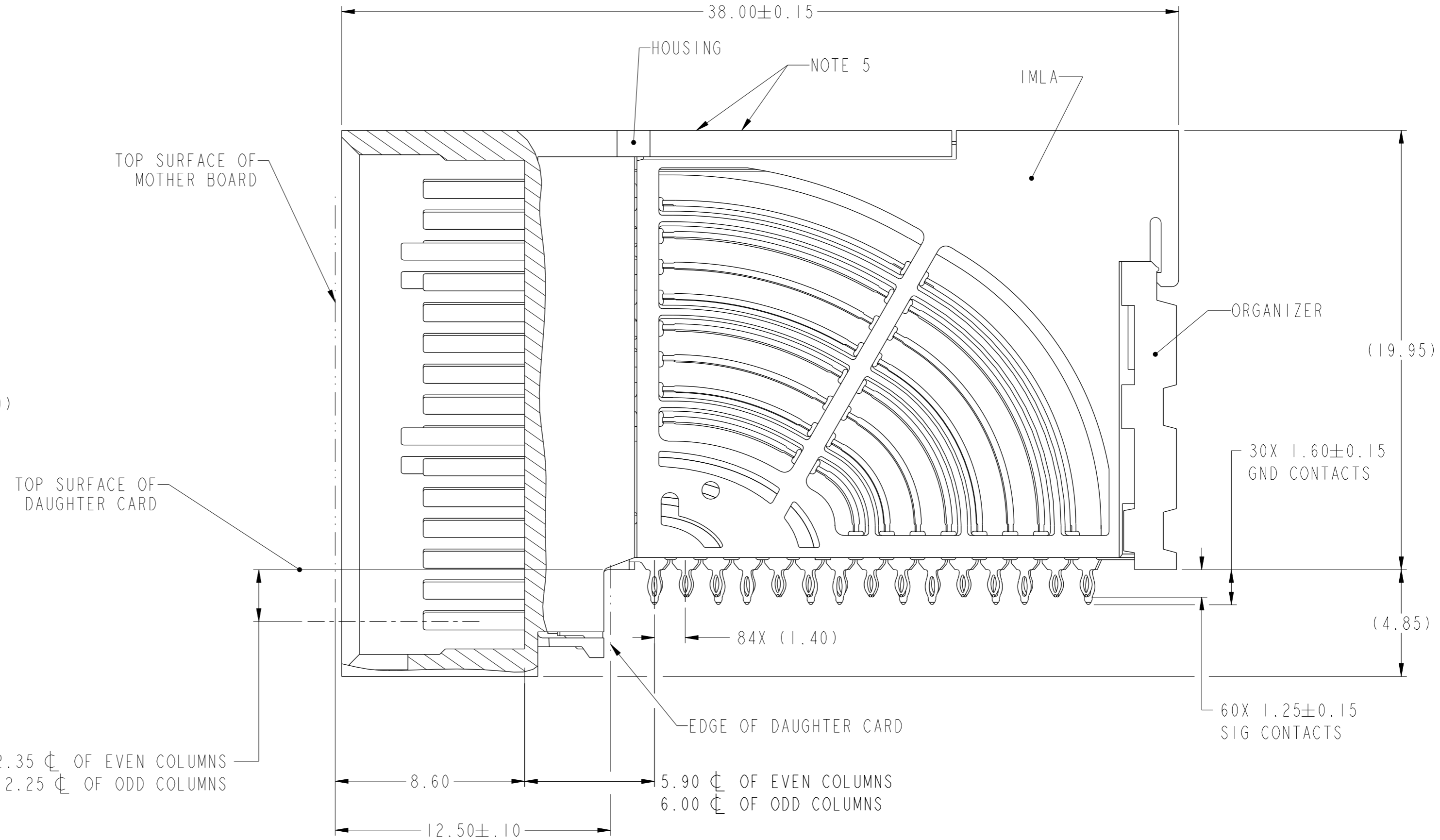
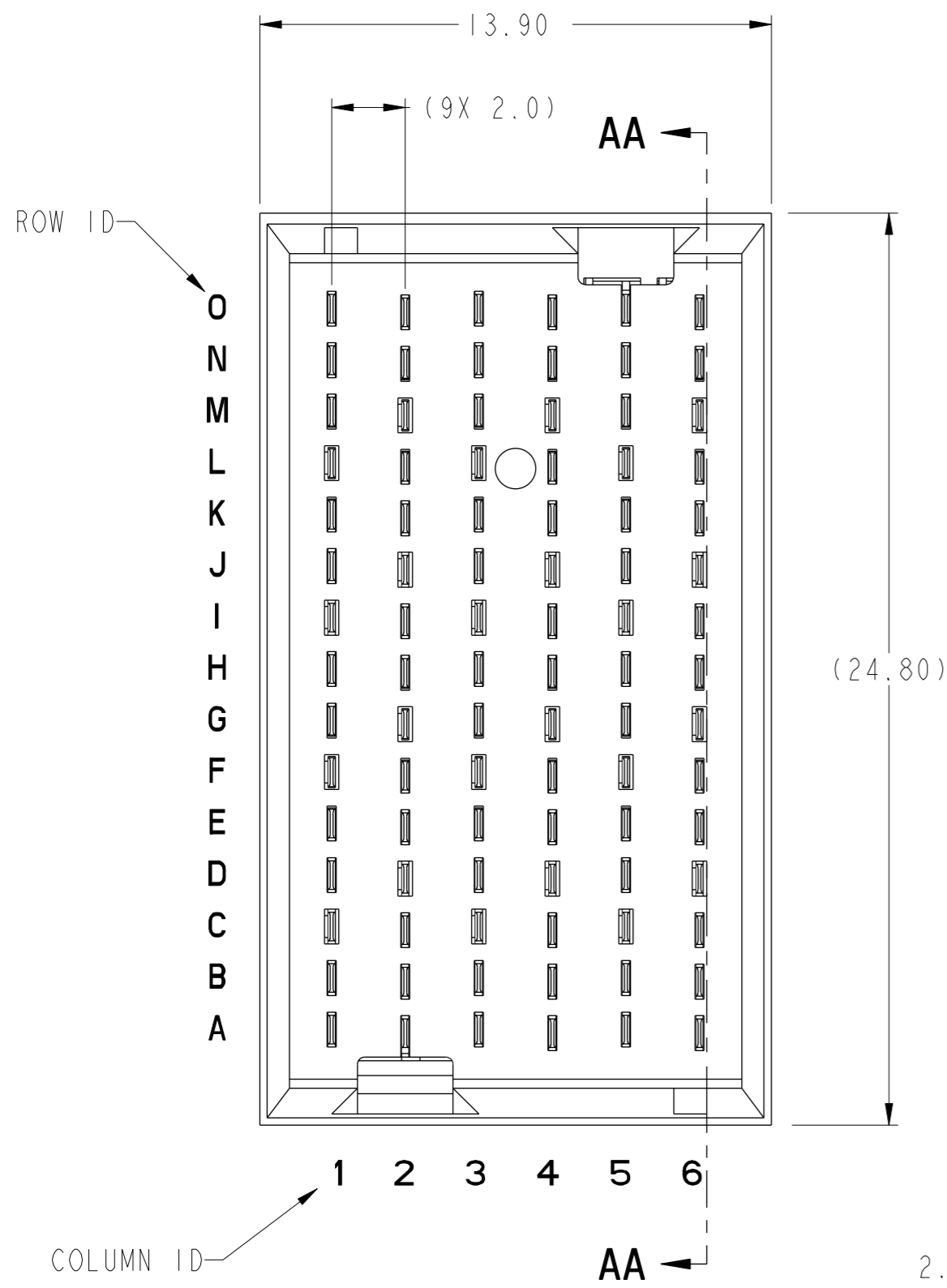


PRODUCT NUMBER
SEE SHEET 3



SECTION AA-AA

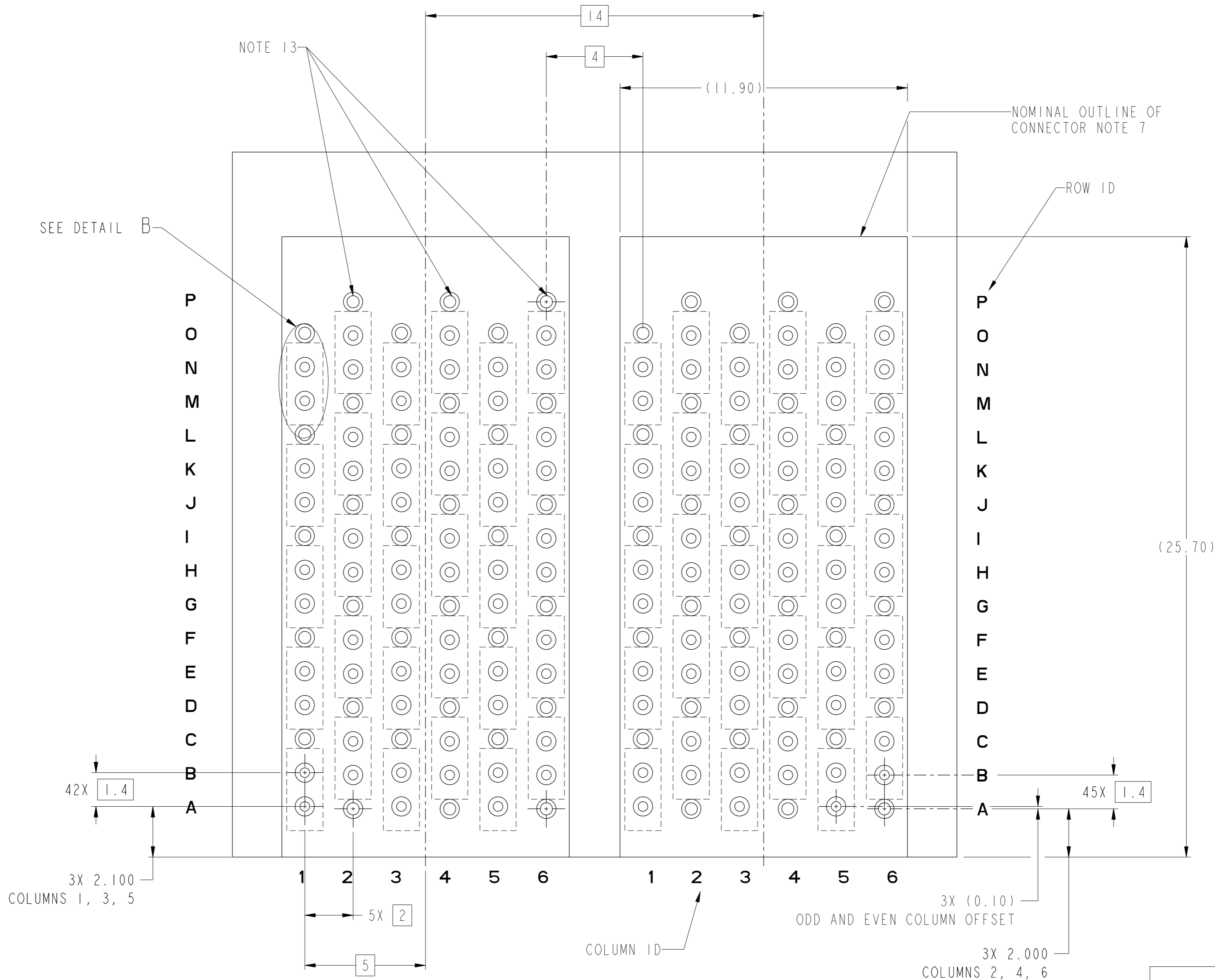
NOT TOOLED

PRELIMINARY

spec ref	---	dr	Tao Zhan	2016/01/27	projection	MM	size	A2	scale	10:1	
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/03/15			ecn no	-	rel level	Preliminary	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	app							-
surface	-	linear	0.X	±.3			Amphenol VSe R.A. HEADER		5 Pair, 90 pos, 2mm, 6Col	10135621	rev 1
			0.XX	±.10	cat. no.		Product - Customer Drw		sheet 1 of 3		
			0.XXX	±.050							
			angular	0°							

Amphenol
FCi

© 2016 AFci



RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 8 & 12
SCALE 8:1

PRELIMINARY

spec ref	---	dr	Tao Zhan	2016/01/27	projection	MM	size	A2	scale	8:1	
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/03/15			ecn no	-	rel level	Preliminary	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	product family			-				
surface	-	appr	-	Amphenol FCi	title	AirMax VSe R.A. HEADER		dwg no	10135621		
	linear	0.X	±.3							rev	1
		0.XX	±.10								
		0.XXX	±.050								
	angular	0°	±2°		cat. no.	-	Product - Customer Drw	sheet 2 of 3			

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10135621-101LF	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-12-0956 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" AND "L" OF ODD NUMBERED COLUMNS AND POSITIONS "G" AND "M" 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

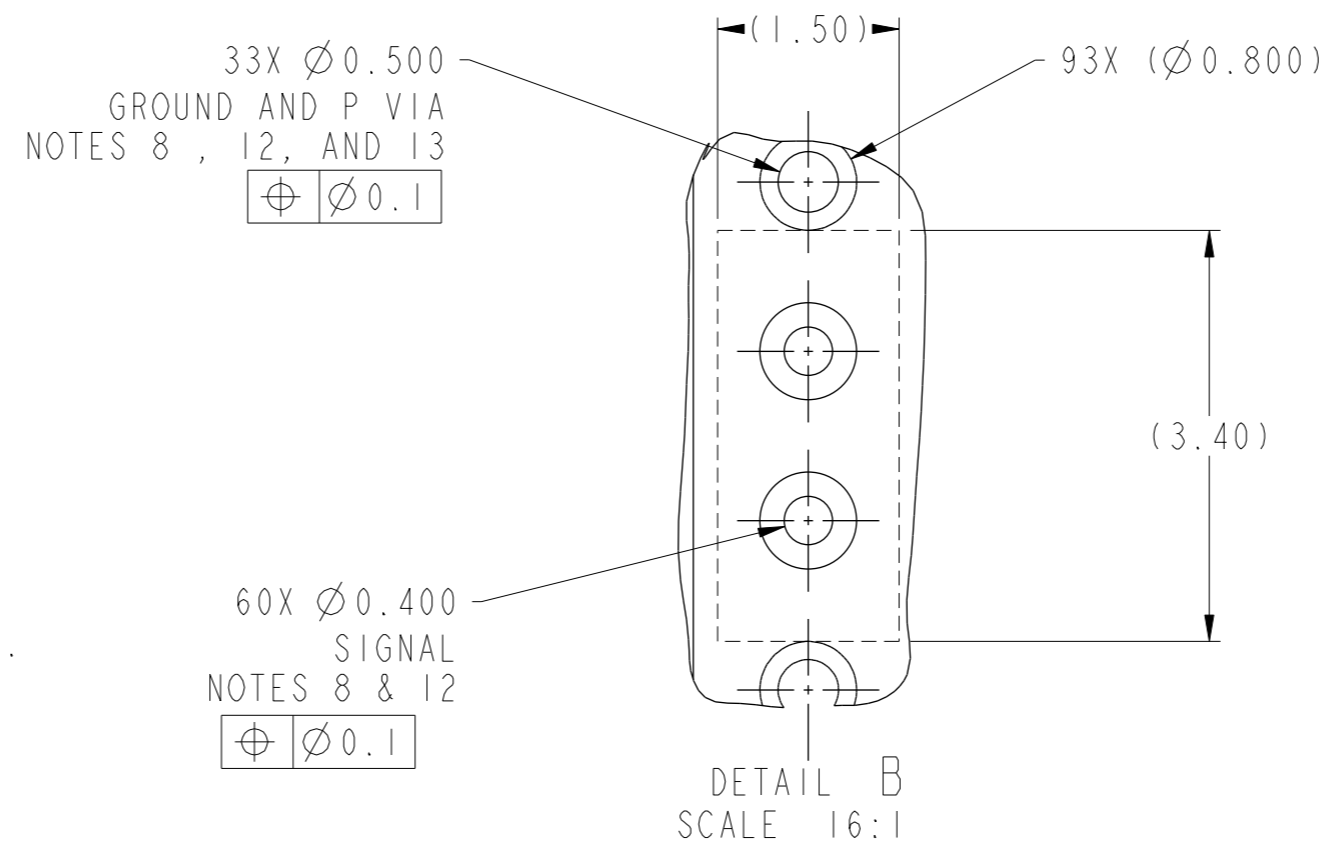
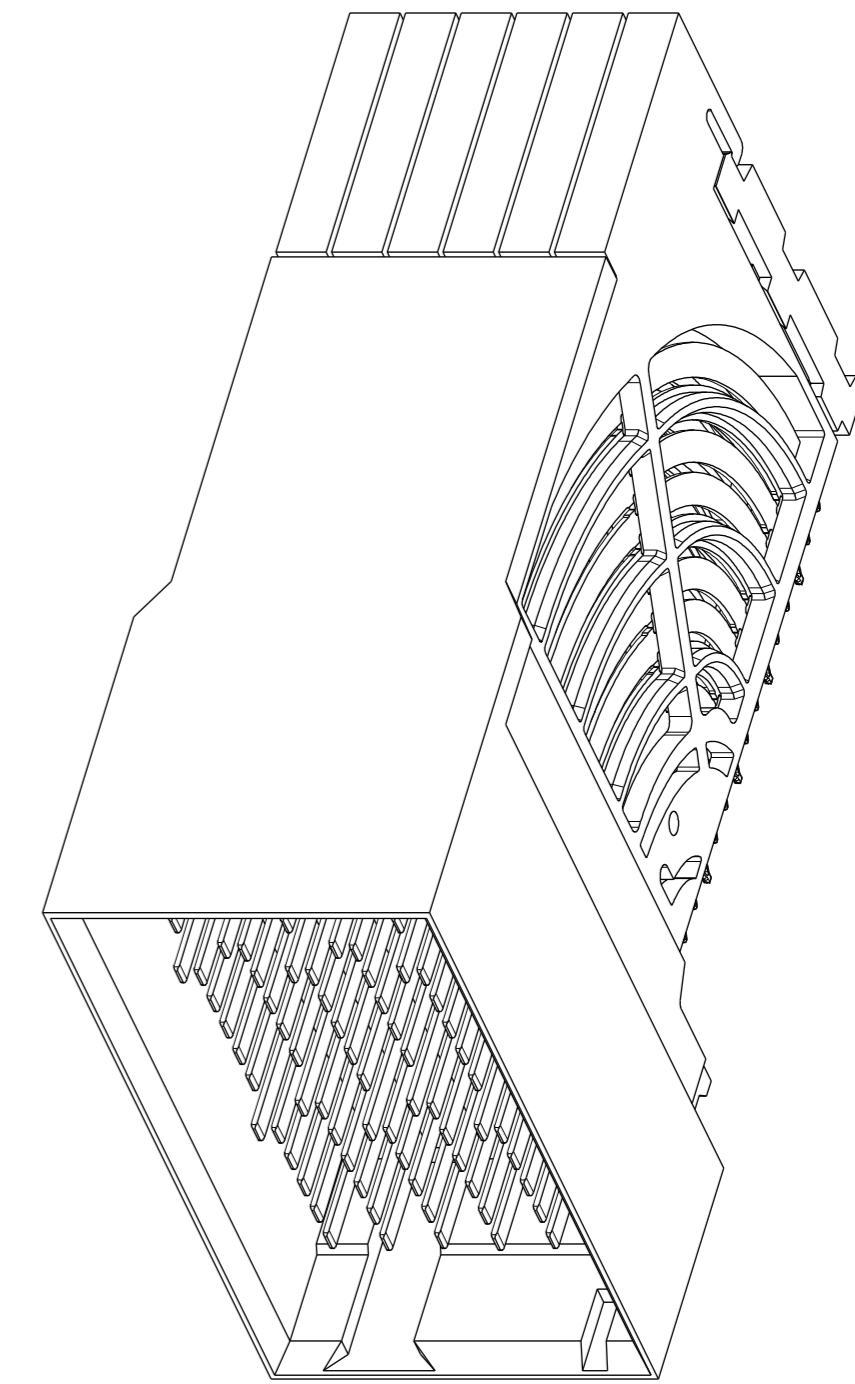
9 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

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, L, & O IN ODD COLUMNS AND A, D, G, J, & M IN EVEN COLUMNS) REQUIRE ($\phi 0.50$) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE ($\phi 0.40$) FINISHED HOLES

13 - THESE OUTER VIAS (P) ARE OPTIONAL. WHILE NO CONNECTOR PINS ARE PRESSED INTO THESE HOLES WE RECOMMEND ($\phi 0.500$) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.



10135621-101LF

SCALE 4:1

PRELIMINARY

spec ref	---	dr	Tao Zhan	2016/01/27	projection	MM	size	A2	scale	8:1	
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/03/15	chr	-	ecn no	-			
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	-	-	product family	-	rel level	Preliminary			
surface	linear	0.X	±.3	Amphenol FCI	title		AirMax VSe R.A. HEADER		drg no	10135621	rev
		0.XX	±.10		5 Pair, 90 pos, 2mm, 6Col		Product - Customer Drw	sheet 3 of 3			
		0.XXX	±.050		cat. no.	-					
	angular	0°	±2°								