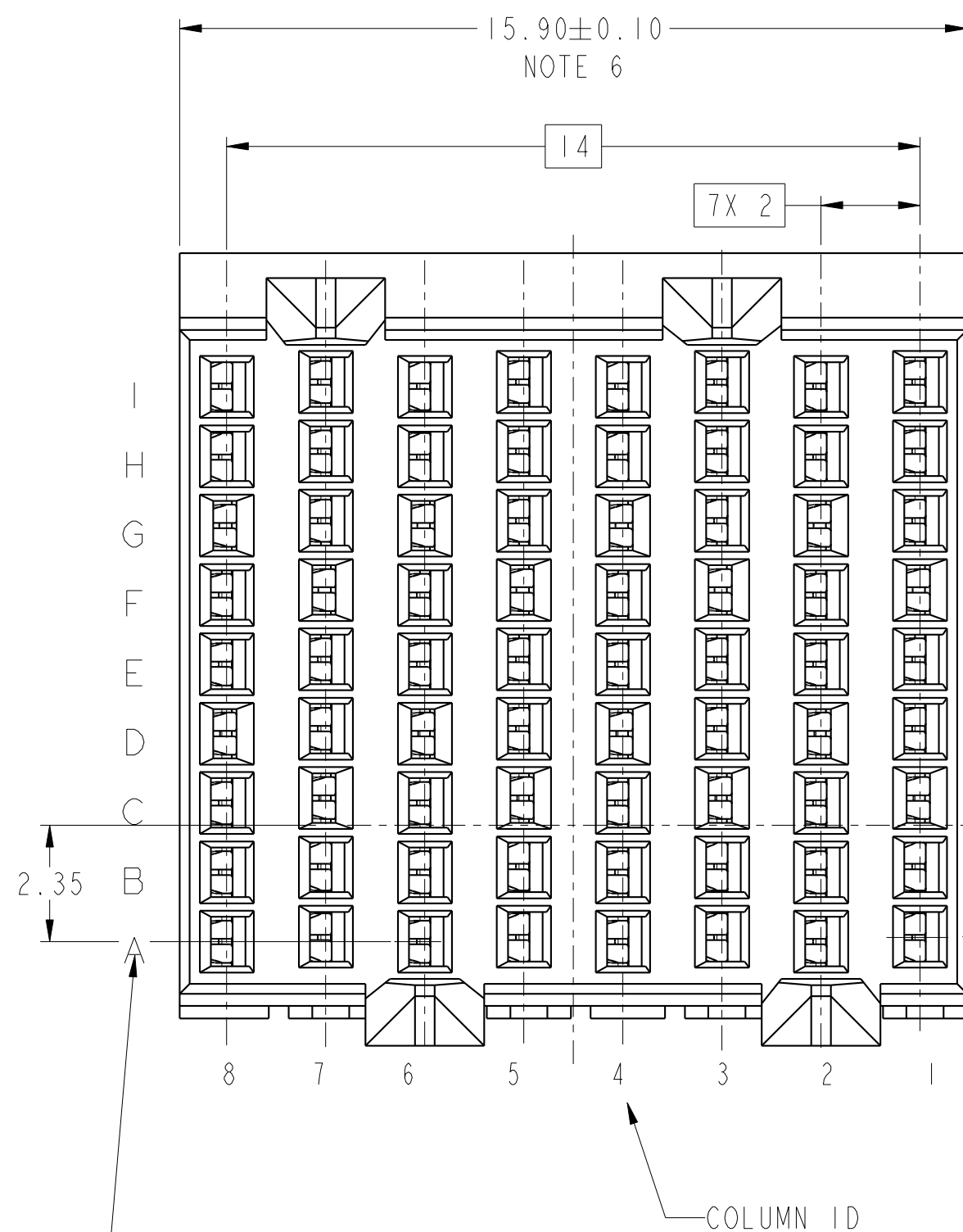


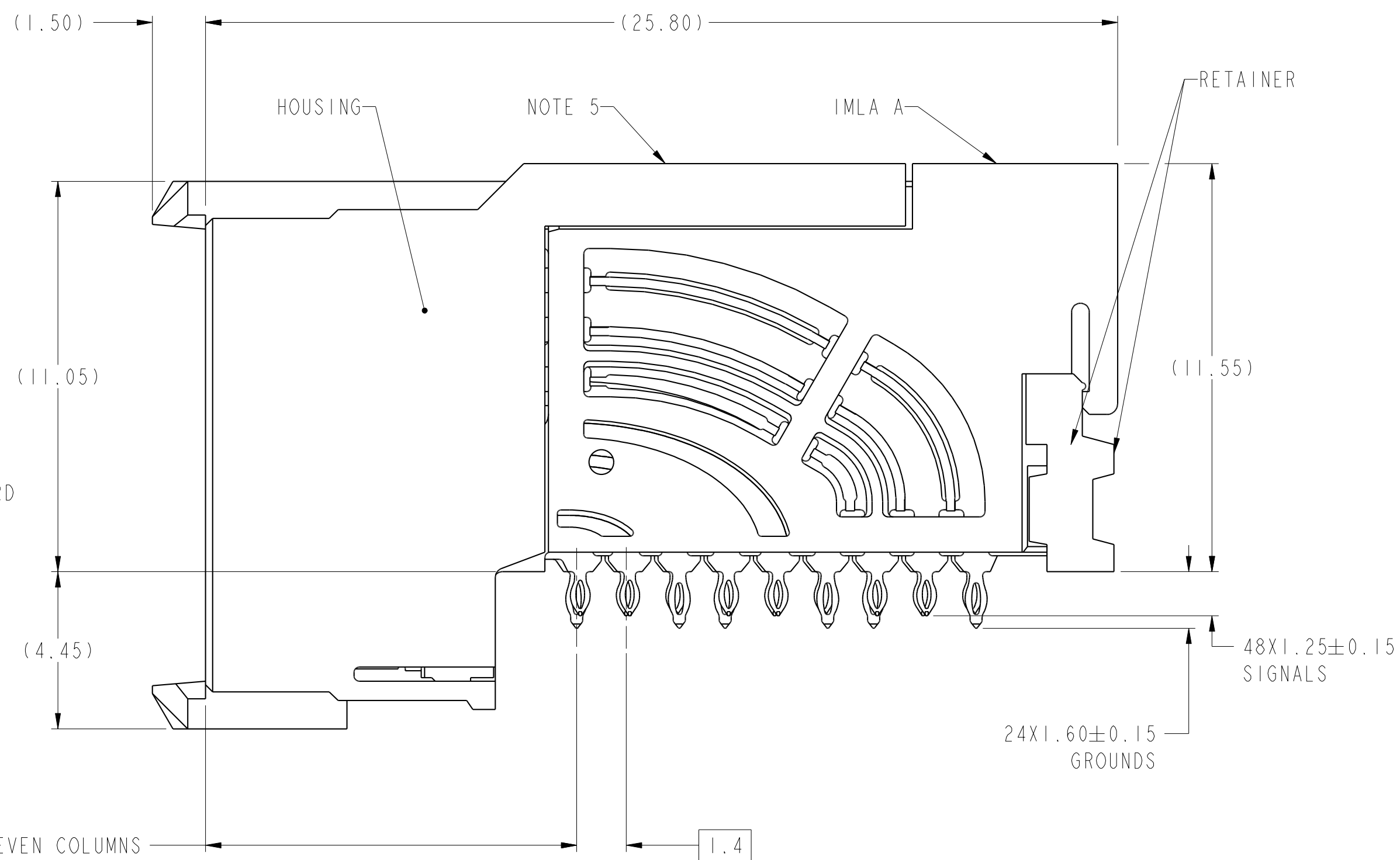


—EVEN COLUMN, CONTACT ROW ID
ODD AND EVEN COLUMNS ARE OFFSET

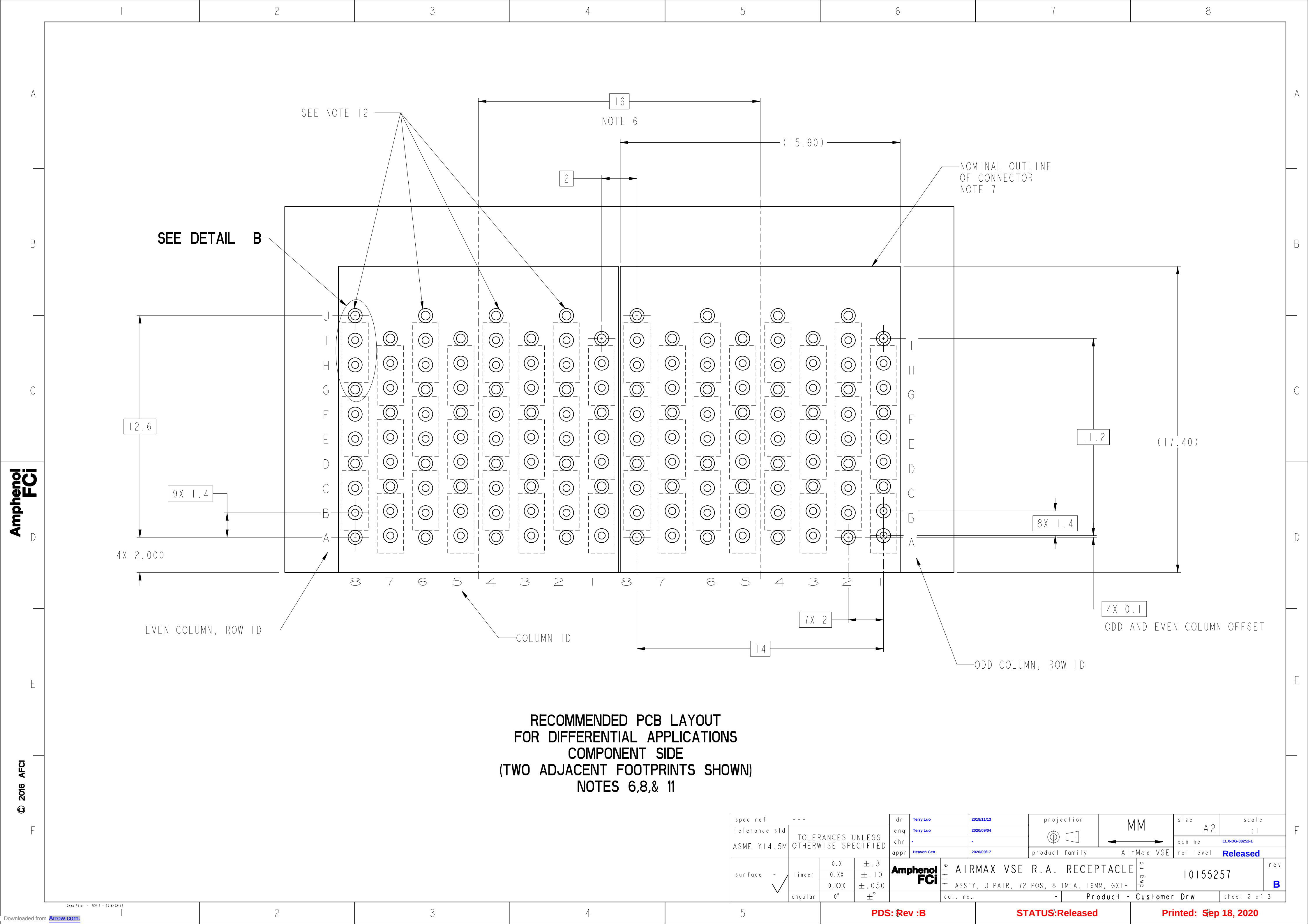
—TOP SURFACE
OF DAUGHTER CARD

10.50¢ OF EVEN COLUMNS
10.60¢ OF ODD COLUMNS

—ODD COLUMN, CONTACT ROW ID



spec ref		---		dr Terry Luo		2019/11/13		projection				MM		size A2		scale 1:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED ASME Y14.5M				eng Terry Luo		2020/09/04		 product family AirMax VSE								ecn no ELX-DG-38262-1	
ASME Y14.5M						chr -		-										appr Heaven Cen	
surface - 		linear		0.X ±.3		Amphenol FCI		AIRMAX VSE R.A. RECEPTACLE ASS'Y, 3 PAIR, 72 POS, 8 IMLA, 16MM, GXT+						dwg no 10155257		rev B			
				0.XX ±.10															
		0.XXX ±.050																	
		angular		0° ±°		cat. no.		-		Product - Customer Drw						sheet 1 of 3			



RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6,8,& 11

spec ref				---		dr		Terry Luo		2019/11/13		projection		MM		size		A2		scale		1:1	
tolerance std				TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Terry Luo		2020/09/04						ecn no		ELX-DG-38252-1					
ASME Y14.5M						chr		-		-		rel level				Released							
						appr		Heaven Cen		2020/09/17		product family				AirMax VSE							
surface		linear		0.X ±.3		Amphenol FCI		title		AIRMAX VSE R.A. RECEPTACLE						dwg no		10155257		rev		B	
				0.XX ±.10																			
				0.XXX ±.050																			
		angular		0° ±°																			

PRODUCT NUMBER

PRESS-FIT TAIL PLATING TYPE

10155257-101

TIN/LEAD ALLOY OVER NICKEL

10155257-101LF

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, (PART NUMBER & LOT CODE), ON THIS SURFACE.

6

- THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 16.0 MM.

7

- CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL 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, AND I IN ODD COLUMNS AND A, D, AND G, EVEN COLUMNS) REQUIRE (Ø0.500) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.400) FINISHED HOLES.

12

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

76X(Ø0.80)

48X Ø0.400
⌀0.10
SIGNAL
NOTES 8 AND 11

28X Ø0.500
⌀0.10
GROUND AND J VIA
NOTES 8, 11, AND 12

(1.50)

(3.40)

DETAIL B
SCALE 16:1

10155257-101 OR -101LF

spec ref		---		dr	Terry Luo	2019/11/13	projection	MM	size	A2	scale	4:1	
tolerance std		ASME Y14.5M		eng	Terry Luo	2020/09/04			ecn no	ELX-DG-38252-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-		appr	Heaven Cen			2020/09/17	product family	rel level	Released	
surface	✓	linear	0.X	±.3	Amphenol FCi	title	AIRMAX VSE R.A. RECEPTACLE ASS'Y, 3 PAIR, 72 POS, 8 IMLA, 16MM, GXT+		dwg no	10155257		rev	B
			0.XX	±.10									
			0.XXX	±.050									
		angular	0°	±°		cat. no.	Product - Customer Drw		sheet 3 of 3				

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