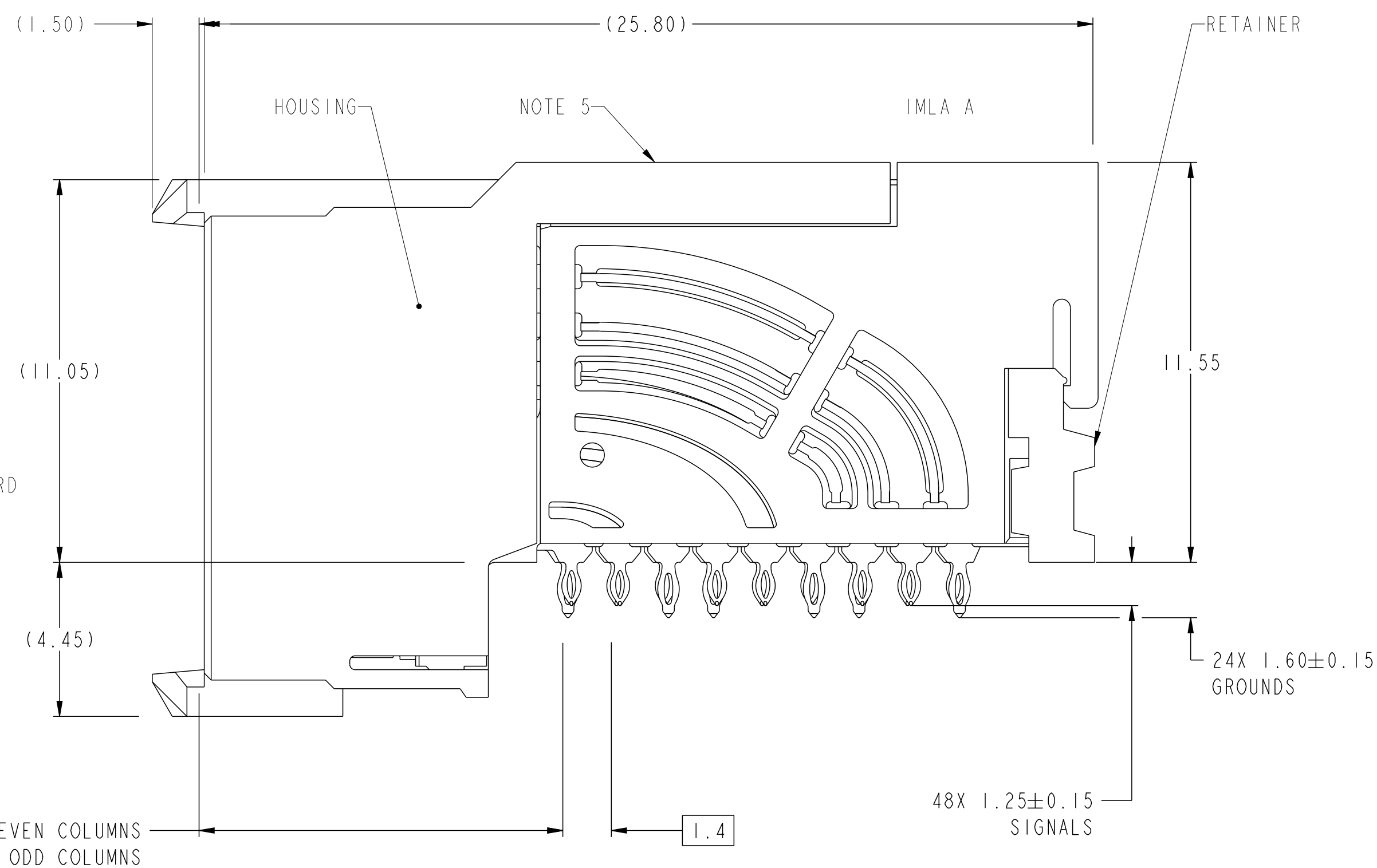
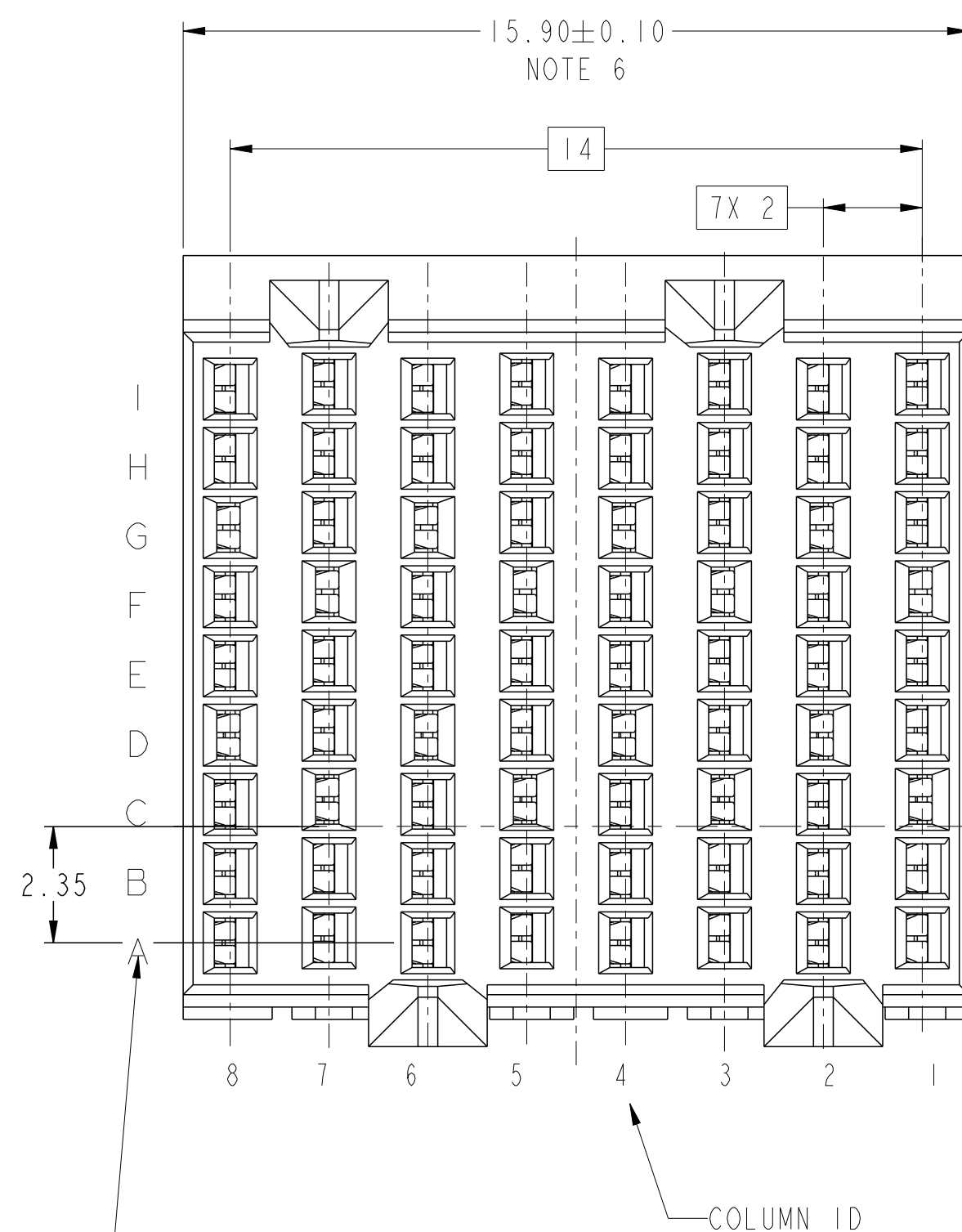
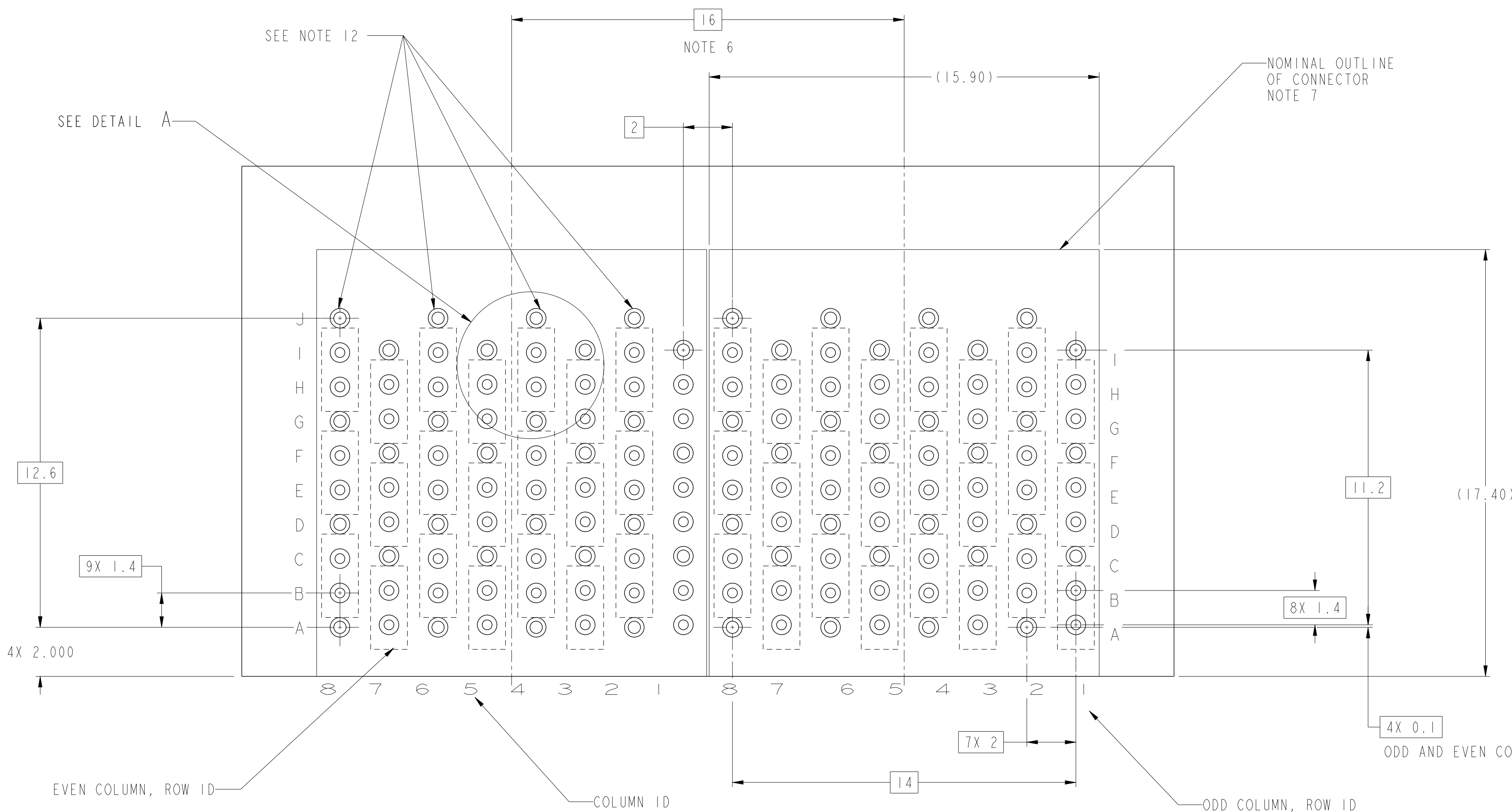




spec ref	---	dr	Lin-See Ngwe	2013/03/20	projection		MM	size	A2	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Jeny Ren	2015/02/04			ecn no	ELK-DG-20165-1			
ASME Y14.5M		chr	-	-				rel level	Released		
		appr	Collins Lu	2015/02/06	product family	AirMax VSE					
surface 	linear	0.X	±.3		AIRMAX VS2 R.A. RECEPTACLE			dwg no	10124756		rev
		0.XX	±.10								
		0.XXX	±.050								
	angular	0°	±.050	www.fci.com	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		Lin-Soe Ngwe		2013/03/20		projection		MM		size		A2		scale		1:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jeny Ren		2015/02/04						ecn no		ELX-DG-20165-1							
ASME Y14.5M				chr		-		-						rel level		Released							
				appr		Collins Lu		2015/02/06						product family		AirMax VSE							
surface		✓		linear		0.X		±.3				title		AIRMAX VS2 R.A. RECEPTACLE		dwg no		10124756		rev		B	
				0.XX		±.10		ASS'Y, 3 PAIR, 72 POS, 8 IMLA, 16MM, Small PF															
				0.XXX		±.050																	
angular				0°		±°		www.fci.com		cat. no.		-		Product- Customer Drw		sheet 2 of 3							

PRODUCT NUMBER

10124756-101

PRESS-FIT TAIL PLATING TYPE

TIN/LEAD ALLOY OVER NICKEL

PRODUCT NUMBER

10124756-101LF

PRESS-FIT TAIL PLATING TYPE

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, WHITE, 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.

13

- A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE, WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

76X (Ø0.80)

(1.50)

1.4

(3.40)

48X (Ø0.40)

SIGNAL
NOTES 8 AND 11

Ø

Ø0.1

28X (Ø0.50)

GROUND AND J VIA
NOTES 8, 11, AND 12

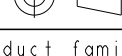
Ø

Ø0.1

DETAIL SCALE A

16:1

10124756-101 OR -101LF

spec ref	---	dr	Lin-Soe Ngwe	2013/03/20	projection	MM	size	A2	scale	4:1		
tolerance std	ASME Y14.5M	eng	Jeny Ren	2015/02/04			ecn no	ELX-DG-20165-1				
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	rel level			Released					
		appr	Collins Lu	2015/02/06								
surface		linear	0.X	±.3		title	AIRMAX VS2 R.A. RECEPTACLE		dwg no	10124756	rev	B
	0.XX	±.10	ASS'Y, 3 PAIR, 72 POS, 8 IMLA, 16MM, Small PF									
	0.XXX	±.050										
	angular	0°	±°		www.fci.com	cat. no.	Product - Customer Drw		sheet 3 of 3			

PDS: Rev :B

STATUS:Released

Printed: Feb 09, 2015