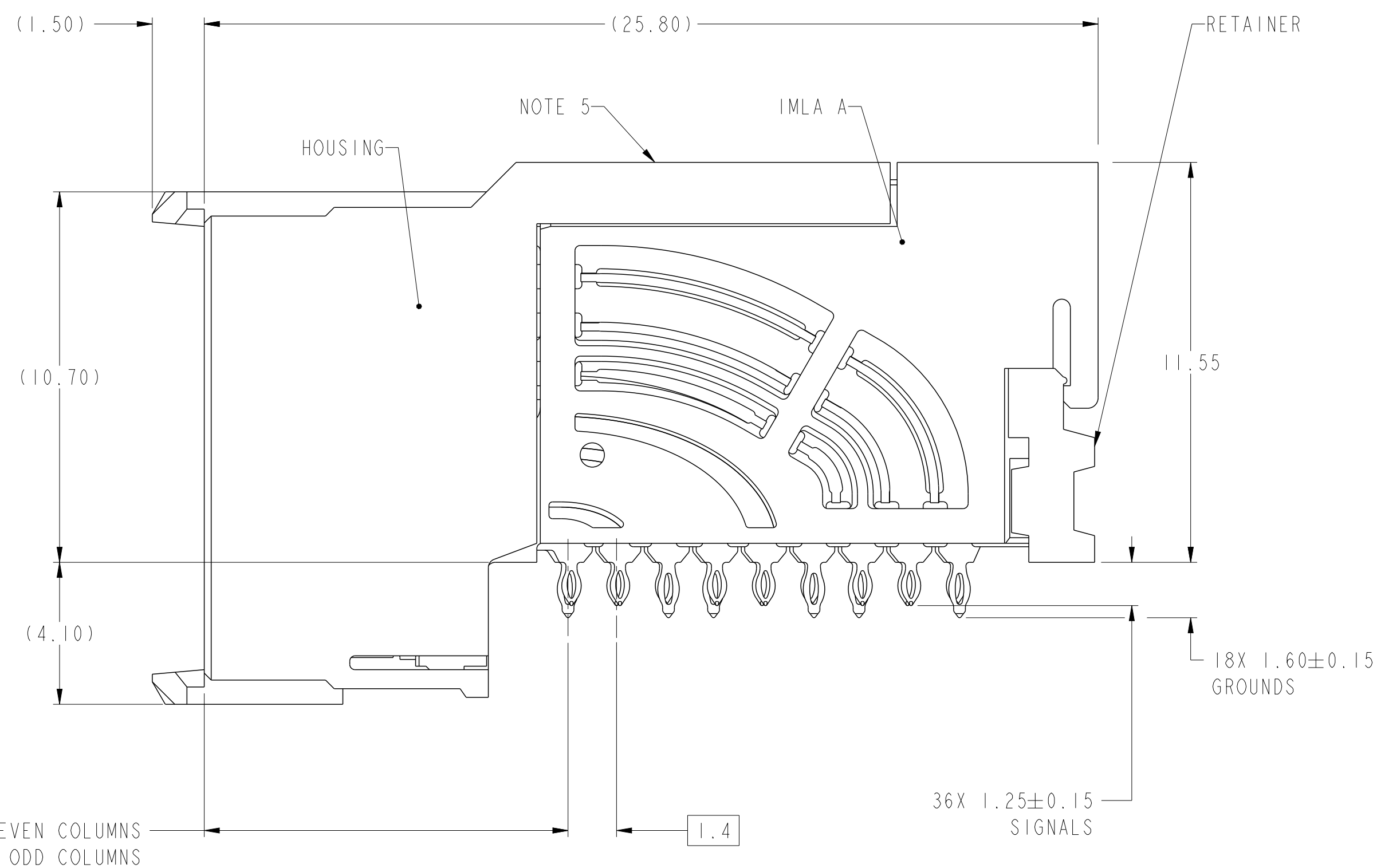
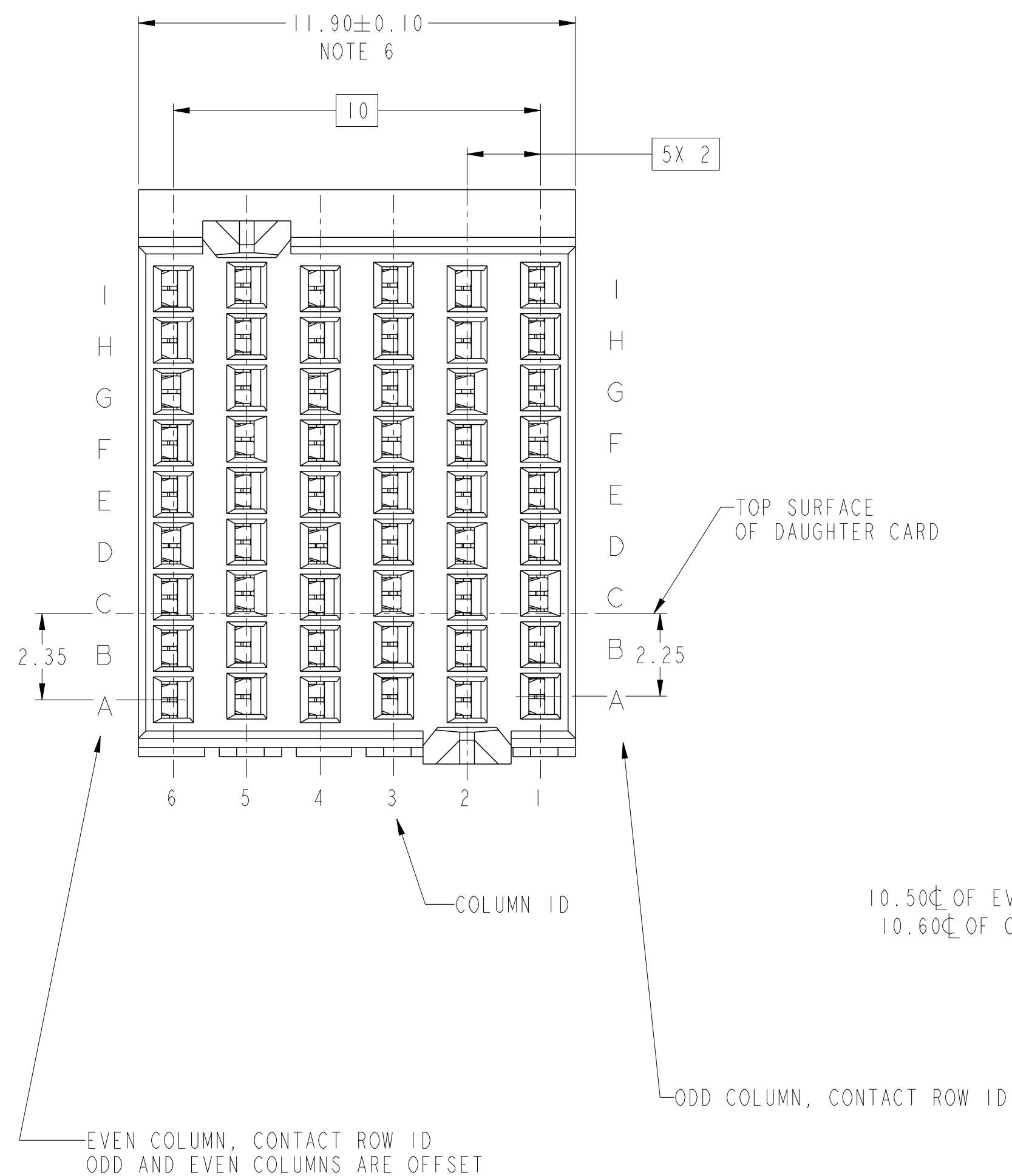
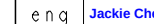
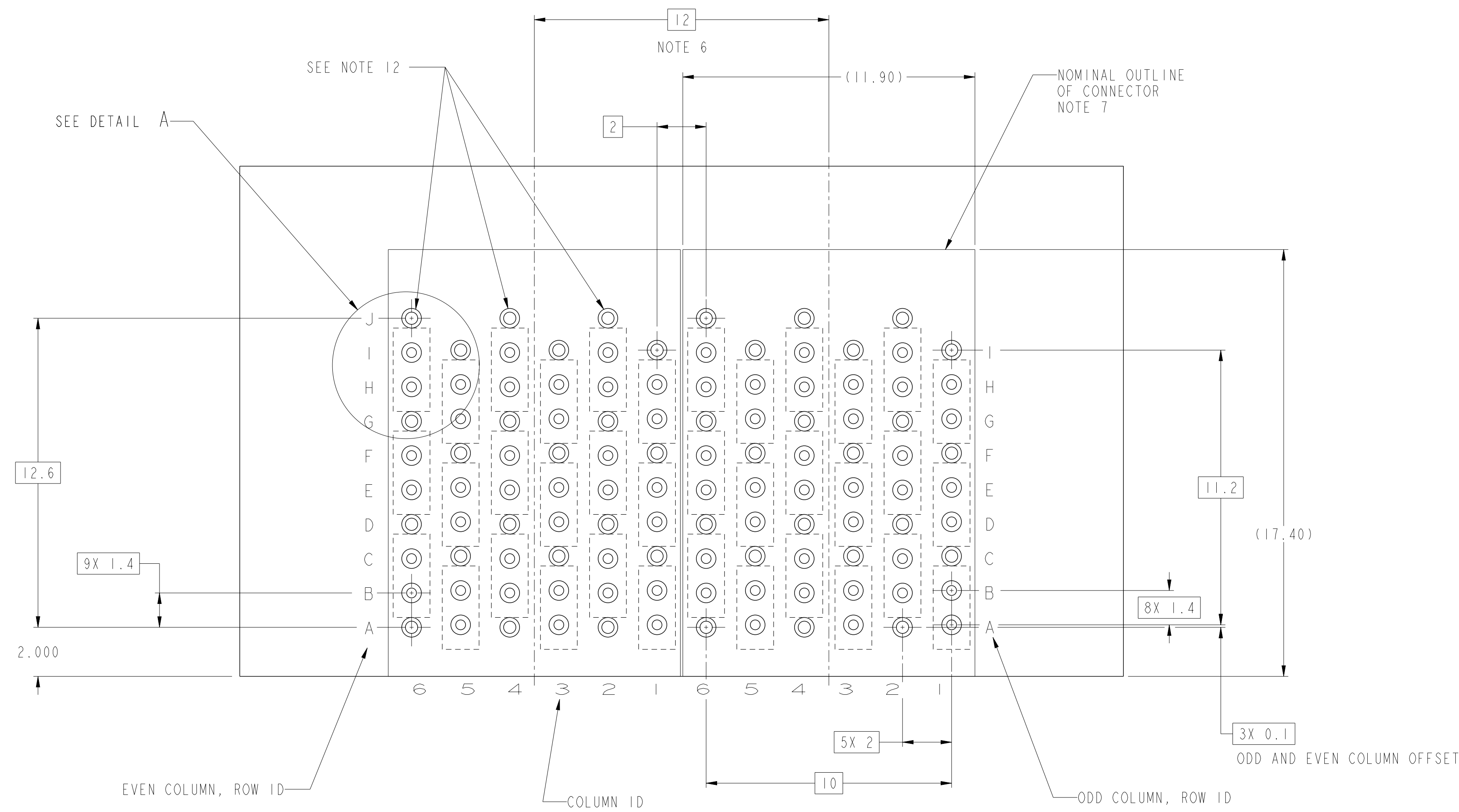




spec ref		---		dr		Suzie Nah		2013/02/05		projection				MM				size		A2		scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jackie Chen		2015/02/06				MM				ecn no		ELX-DG-20165-1							
ASME Y14.5M				chr		-		-																	
				appr		Collins Lu		2015/02/06		product family		AirMax VSE		rel level		Released									
surface 		linear				title		AIRMAX VSE R.A. RECEPTACLE		dwg no		10124313		rev		B									
																						0.X		±.3	
																						0.XX		±.10	



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

spec ref	---	dr	Suzie Nah	2013/02/05	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5M	eng	Jackie Chen	2015/02/06	chr	-	ecn no	ELX-DG-20165-1	rel level	Released
surface	✓	appr	Collins Lu	2015/02/06	product family	AirMax VSE	cat. no.	10124313	rev	B
		TOLERANCES UNLESS OTHERWISE SPECIFIED		title		AIRMAX VSE R.A. RECEPTACLE		ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 12MM, Narrow Body		sheet 2 of 3
		linear	0.X	±.3	www.fci.com		Product - Customer Drw			
			0.XX	±.10						
			0.XXX	±.050						
		angular	0°	±°						

1

PRODUCT NUMBER

10124313-101

PRESS-FIT TAIL PLATING TYPE

TIN/LEAD ALLOY OVER NICKEL

2

10124313-101LF

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 12.0 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

B

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

57X (Ø0.80)

(1.50)

1.4

(3.40)

36X (Ø0.40) SIGNAL NOTES 8 AND 11

21X (Ø0.50) GROUND AND J VIA NOTES 8, 11, AND 12

DETAIL SCALE A 16:1

10124313-101 OR -101LF

spec ref	---	dr	Suzie Nah	2013/02/05	projection	MM	size	A2	scale	4:1		
tolerance std	ASME Y14.5M	eng	Jackie Chen	2015/02/06	chr	-	ecn no	ELX-DG-20165-1				
		appr	Collins Lu	2015/02/06	product family		rel level		Released			
surface	linear	0.X	±.3	FCI	title		AIRMAX VSE R.A. RECEPTACLE		dwg no	10124313	rev	B
		0.XX	±.10									
		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

FCI

Copyright FCI.