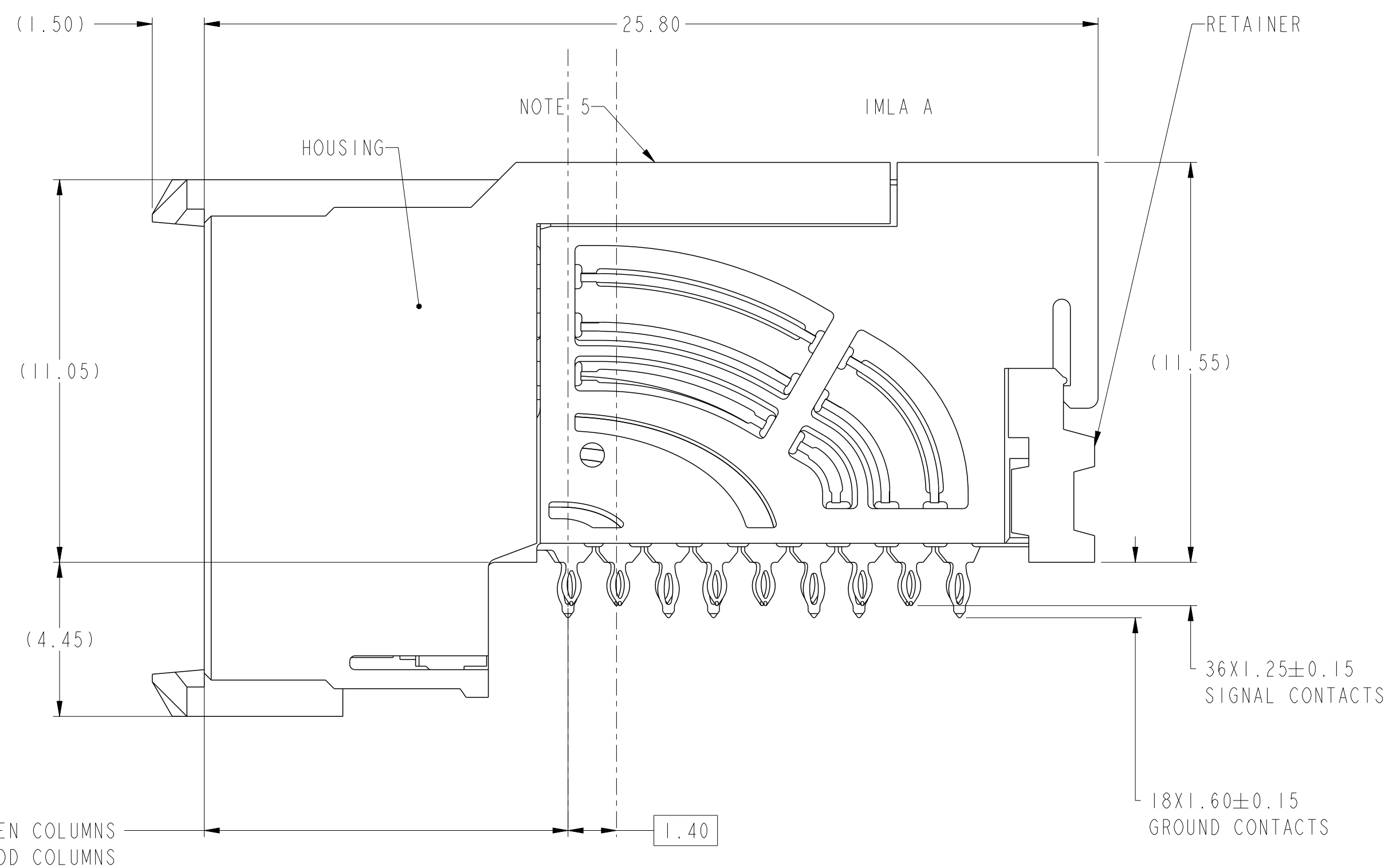
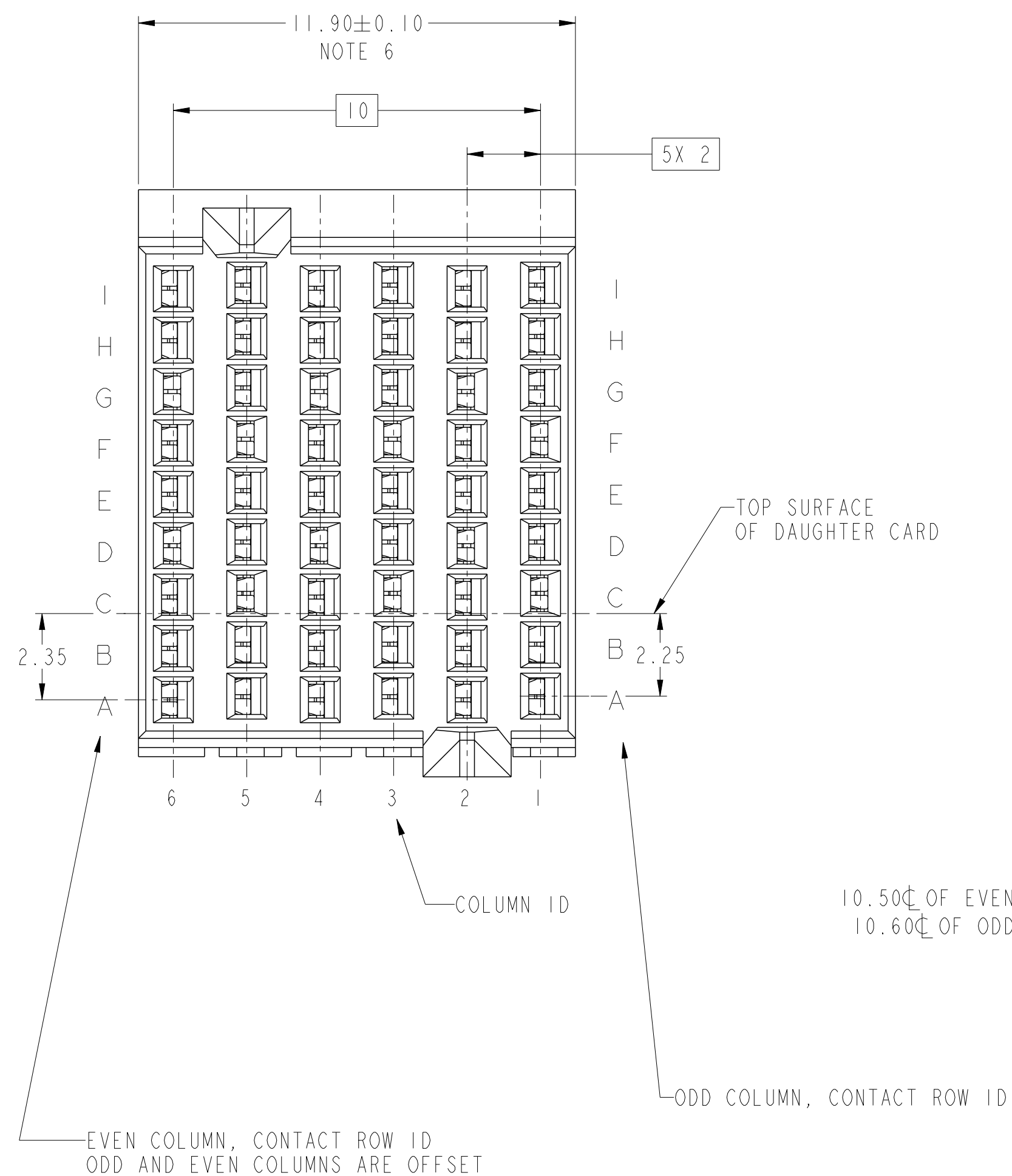
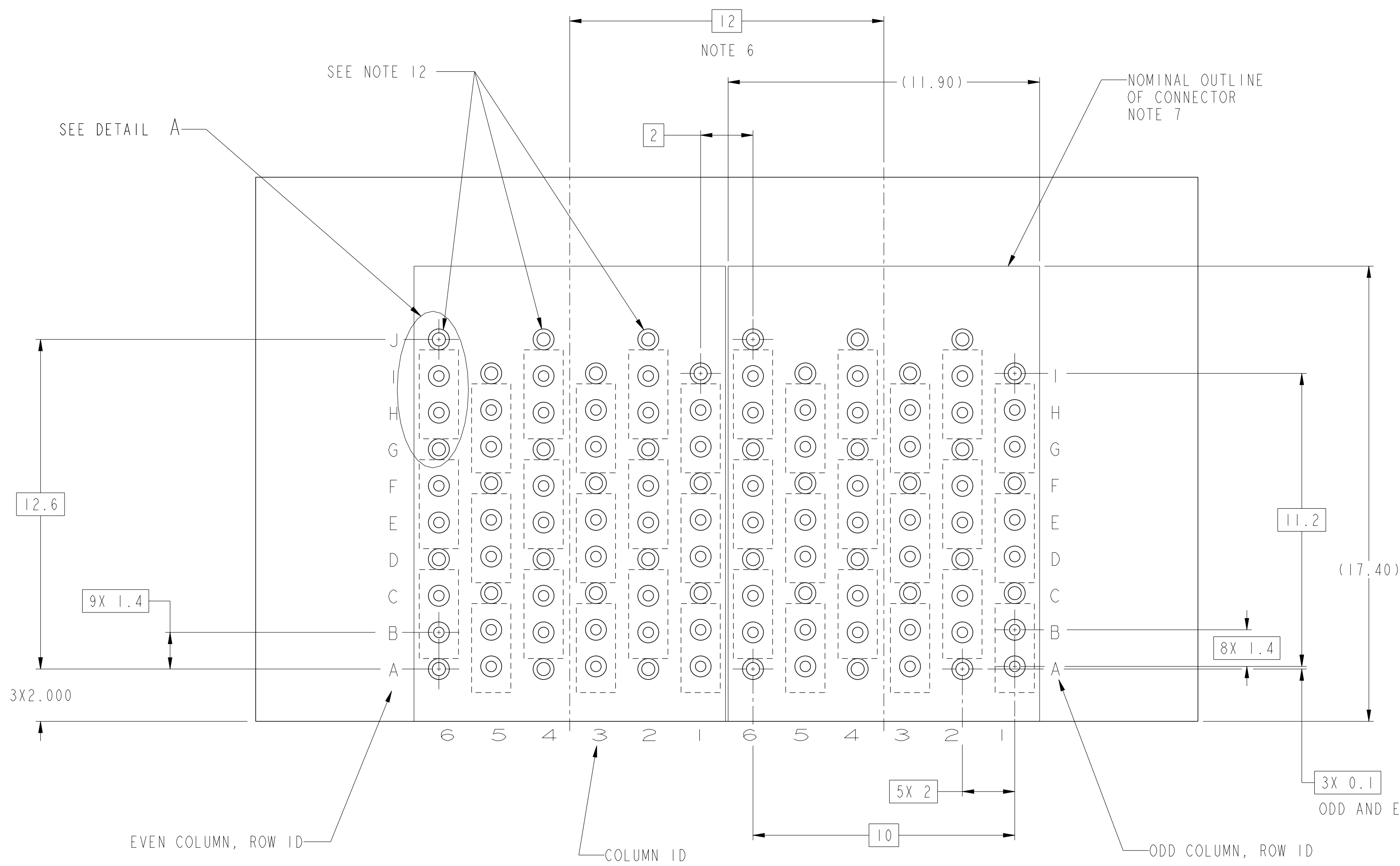




spec ref		---		dr Lin-Soe Ngwe		2012/11/15		projection				size		scale	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Jerry Ren		2015/02/04				MM		A2		1:1	
ASME Y14.5M				chr -		-						ecn no		ELX-DG-20165-1	
				appr Collins Lu		2015/02/06		product family		AirMax VSE		rel level		Released	
surface 		linear		 FCI		title AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 12MM, Small PF		dwg no 10123420		rev C					
		angular 0° ± 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	2012/11/15	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5M	eng	Jeny Ren	2015/02/04	chr	-	ecn no	ELX-DG-20165-1	rel level	Released
surface	✓	appr	Collins Lu	2015/02/06	product family	AirMax VSE	cat. no.	10123420	rev	C
linear	0.X ±.3 0.XX ±.10 0.XXX ±.050	title	AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 12MM, Small PF							
angular	0° ±°	www.fci.com	Product - Customer Drw							

PRODUCT NUMBER

10123420-101

PRESS-FIT TAIL PLATING TYPE

TIN/LEAD ALLOY OVER NICKEL

PRODUCT NUMBER

10123420-101LF

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, WHITE, UL94-V0

2

- CONTACT PLATING:
SEPARABLE INTERFACE:
GXT PLUS 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 RECOMMEND (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.

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

10123420-101 OR -101LF

spec ref

tolerance std

ASME Y14.5M

surface

✓

TOLERANCES UNLESS OTHERWISE SPECIFIED

linear

0.X

±.3

0.XX

±.10

0.XXX

±.050

angular

0°

±°

dr

Lin-Soe Ngwe

2012/11/15

eng

Jeny Ren

2015/02/04

chr

-

-

appr

Collins Lu

2015/02/06

FCI

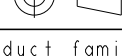
www.fci.com

title

AIRMAX VS2 R.A. RECEPTACLE

cat. no.

projection



MM



product family

size

A2

scale

4:1

ecn no

ELX-DG-20165-1

rel level

Released

dwg no

10123420

rev

C

Product - Customer Drw

sheet 3 of 3

PDS: Rev :C

STATUS:Released

Printed: Feb 09, 2015

FCI

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ProfE File

REV C - 2009-06-09